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## U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

APR 2 1 1949

UNIVEL 12

# CLIMATOLOGICAL DATA

KENTUCKY

JANUARY 1949 Volume XLIV No. 1





#### KENTUCKY - JANUARY 1949

#### E. E. Unger, Section Director - Louisville

#### GENERAL SUMMARY

January was unusually warm and moist. Precipitation was frequent, with heavy, and in some sections excessive rains on the 4th and again on the 18th. Monthly amounts ranged from over eleven inches in portions of Ballard and McCracken Counties to less than five inches in the extreme eastern counties. Snowfall was below the January average, and occurred in measurable amounts only on the 31st. Accumulated depths ranged from about four inches in scattered areas to less than an inch along the southeastern border. With the exception of severe cold weather on the last three days of the month daily mean temperatures were above the daily normals, with periods of unseasonably warm weather from the 3rd to 10th, 13th to 16th, and 23rd to 27th, during which the daily mean temperatures were from ten to twenty five degrees above normal.

These conditions were generally favorable for growth of winter grains, which grew somewhat too rapidly during the warm periods. However, as plants had established strong root systems, damage from freezing and lifting during the hard freeze at the end of the month was insignificant. Grass and rye fields furnished some pasturage, but stock feeding continued mostly heavy. The soil was much too wet for outdoor work, and little or no plowing could be done except on well drained upland areas. There was still a little stripping and marketing of late tobacco and some gathering of corn in shock, but these activities were practically completed before the month ended. Other farm work was confined principally to repair of equipment and structures and other chores common to this time of the year.

Ohio River: Heavy rains over the watershed during the last decade caused the Ohio River to reach crests a foot or two above flood stage in the upper districts on the 29th and 30th. As the river in the lower districts was near flood stage before the period of rains began, crests in these districts were generally about eleven feet above flood stage.

#### TEMPERATURE

The mean temperature for the state was 43.8°, which is 8.0° above normal for the month. The monthly mean temperatures ranged from 49.0° at Headquarters to 38.5° at Covington. The highest temperature recorded in the state was 80° at Headquarters on the 24th, and the lowest 4° at Mayfield on the 30th.

#### PRECIPITATION

The average precipitation for the state was 6.86 inches, which is 2.48 inches above normal for January. The total amounts recorded at various stations ranged from 11.15 inches at Lovelaceville to 3.42 inches at Jenkins. The heaviest rainfall reported in any one day was 4.00 inches at Lovelaceville on the 24th. The monthly average of snowfall was 2.2 inches or 2.0 inches less than normal. The greatest monthly amount was 5.0 inches at Murray; the least a trace at several stations. The greatest depth on the ground was 5 inches at Murray on the 31st.

#### ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Mydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain Bugges - mostly of the recording type which produce continuous records of painers. Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Copps of Engineers. This series were seen to be a supplement of the Army to supplement existing precipitation stations gives have been maintained by the Meather Bureau through working funds transferred annually to the Weather Bureau by the Copps of Engineers. These transferred annually to the Weather Bureau by the Copps of Engineers. These transferred annually to the Weather Bureau by the Copps of Engineers. These transferred annually to the Weather Bureau through and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture and since 1947 the Bureau of Reclamation has transferred about \$250,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Bydroclismins. Network stations were presented an bulleting Civil and the series of the bulleting Civil and the series of the series of the series of the series controlled the series of the series controlled the series controlled the series controlled to th

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

JAN 9 1952 HARD'Y

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TRES	SEA L	EVEL	PRESSU	RE			ND			ATIVE			SUN- SHINE	S
STATIONS	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7.30A EST	1:30P EST	7: 30P EST	AVERAGE PERCENT	DEGREE DAY 65° BASE
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TABLE 1 COMPARATIVE DATA

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	1889 1890 1891 1892 1893	38.0 44.0 37.0 29.0 26.0	65 77 68 65 67	13 10 14 - 6 -22	3.52 6.43 5.40 2.72 2.08			==	==		1924 1925 1926 1927 1928	31.3 35.8 34.4 35.8 35.0	66 66 69 76 76	- 8 - 9 -11 - 3 - 8	5.05 2.60 4.01 6.33 2.47			1.2 4.1 7.1 2.2 1.9	9 10 10 12 8
	1894 1895 1896 1897 1898	38.0 30.0 36.1 32.0 40.4	78 78 74 75 72	-12 -16 - 3 -16 6	2.91 5.71 1.25 3.25 8.76			  4.2 1.4	11 6 8 12		1929 1930 1931 1932 1933	34.8 34.6 37.7 44.9 43.9	76 75 72 80 74	- 6 -20 - 9 14 10	4.54 4.85 1.23 8.13 5.18			1.8 3.8 2.3 0.2 0.1	13 13 6 14 12
	1899 1900 1901 1902 1903	34.4 37.2 36.7 33.7 34.8	68 77 75 70 82	-18 - 8 - 4 - 5 - 9	6.23 2.80 1.85 5.14 2.50			8.5 0.9 0.8 2.3 2.8	11 8 7 7 9		1934 1935 1936 1937 1938	40.4 37.3 29.4 43.6 35.9	72 71 68 76 72	- 3 - 2 -25 13 - 4	1.85 5.28 2.99 15.77 3.56			0.2 3.4 6.2 2.0 1.6	8 9 11 17 9
2	1904 1905 1906 1907 1908	32.3 27.5 39.7 43.2 35.0	70 70 80 83 62	- 9 -11	3.17 2.83 3.48 8.02 2.20			2.5 12.8 3.1 4.8 1.1	10 11 8 14 8		1939 1940 1941 1942 1943	40.4 21.1 36.7 32.7 37.9	74 61 66 70 82	11 -20 0 -23 - 1	5.56 1.67 2.53 2.93 1.54			2.1 8.6 0.2 4.7 6.8	10 9 8
	1909 1910 1911 1912 1913	38.3 33.8 39.7 25.9 42.5	77 70 73 61 76	-20 -16 -20	3.47 4.41 2.88 3.09 11.41			5.7 11.0 4.4 11.7	8		1944 1945 1946 1947 1948	37.7 31.8 36.9 40.3 26.8	75 60 76 74 72	0 - 3 - 1 3 -21	1.60 4.05 4.02 6.04 3.18			1.5 4.9 1.7 2.2 12.3	12 11 13 11
	1914 1915 1916 1917 1918	33.0 41.2 36.7		0 3 - 5 1 -17	2,31 5.03 7.27 6.38 5.09			1.0 7.0 3.7 12.0 23.3	13 14 12		1949 PERIO	43.0 35.8	80	-25	6.86 4.38			4.1	
	1919 1920 1921 1922 1923	33.4 39.7 34.6	7: 7: 6:	2 - 6 1 12 7 1	3.62 6.75 3.06 2.25 6.11			1.6 0.7 4.0 1.1	10										

Table 2	1		-	Temperat						T DH			Precipitati	on.			ANUARY	
		7					No. of	days						, Sleet, Ha	úl	N	o. of da	ys
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max, depth on ground	Date	.01 or more	.25 or more	1.00 or more
BEATER DIVISION BEATER DAW FORDS FERRY DAW 50 GREMNYLLE 2 W GENERALS AS GENE	41.2 42.0M 43.3 41.1 41.9 42.4 43.4 41.6 41.5 42.8 43.6	4.9 7.2 4.8 4.4 5.5 4.9 6.3 7.4 5.7	71 70 70 70 72 72 72 70 71 74 68 72 71 70	9 15 18 15 9 15 18 9+ 9 15 16 9+	5 9 10 8 6 7 9 4 9 7	30 30 30 30 30 30 30 30 30 30 30 30 30		16 12 13 13 15 13 12 19 12 13	8.38 9.07 7.54 9.82 6.17 11.15 8.10 6.72E 8.11 8.44E 11.08E 9.24E 6.94	4.20 4.51 3.03 5.88 1.97 8.47 2.01	1.25 2.56 .95 2.17 .91 4.00 1.60 .99 1.29 1.35 1.73 1.98	27 25 27 24 26 24 25 16 18 24 25 25 16	2.0 2.0 3.0 3.0 3.0 4.0 3.0 2.0 5.0 3.5 3.5	2 2 3 4 3 2 5 4 3 3	31 31 31 31 31 31 31 31 31 31	13 14 18 14 14 12 15 15 15 13 14 15 15	10 11 13 11 10 11 11 11 11 12 13 12 10	2 3 3 5 2 3 2 2 4 1
CENTRAL DIVISION ANCEDRAGE BOWLING GREEN MP AP BOWLING GREEN MP AP COVINCTON MP AIRPORT DAVILLE LOCAL CAMPELLSVILLE COVINCTON MP AIRPORT DAVILLE LOCAL GREENSBURG REVINCTON LETTCHFIELD AIRPORT LOUISVILLE STAN W B AP LOUISVILLE W B CITY WOLF CREEK BAY DIVISION	40.4 43.4 45.5 M 38.5 44.9 44.7 45.5 M 42.2 41.6 41.1 42.9 43.4 45.4 46.9 40.1 M 46.6	7.1 5.8 8.7 9.7 9.9 6.7 7.0 8.3 8.2 6.7 9.8 9.5 10.0 8.4 7.0	70 71 71 72 67 72 72 75 69 70 69 71 70 72 71 71 74 70 68 76	18 18 16+ 18 16 18+ 10 18+ 18 16+ 18 19 19 10 10 18	7 8 10 8 5 9 9 10 7 7 7 10 9 10 6 7 10 10 8 6 11	30 31 30 30 30 30 30 30 30 30 30 30 30 30 30		15 11 8 12 17 10 10 10 13 14 12 11 10 13 14 11 10 13 14 11 10 10 10 10 10 10 10 10 10 10 10 10	7.82 5.58 5.42 4.59 8.95 4.87 6.05 5.44 8.32 7.85 5.55 7.10 6.78 8.34 8.34 7.89 7.27 7.31	3.89 .59 1.41 .36 .51 4.10 2.96 1.37 3.10 2.78 .3.27 8.334 1.56 3.51 3.39	1.58 .84 1.00 1.20 2.53 1.11 1.14 1.60 1.46 1.45 .83 1.25 1.35 1.45 1.46 1.46 1.47 1.40 1.46 1.46	27 21 5 5 4 5 5 5 27 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3.3 2.6 2.5 2.5 2.5 3.0 2.0 3.1 3.4 2.6 2.7 3.0 2.0 2.0 2.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	3 2 2 2 2 3 3 3 3 2 2 3 2 3 T 2 T	31 31 31 31 31 31 31 31 31 31 31 31 31 3	16 16 14 13 17 16 13 17 20 15 15 15 14 20 19	11 10 10 7 9 8 9 9 11 10 10 11 9 10 11 10 10 10 10 10 10 10 10 10 10 10	2 1 1 2 2 2 2 1 1 1 3 3 2
EASTERN DIVISION ASHLAND DAW 29 BENHAM PERSON DAWN 19 FARMERS HEADQUARTERS DIVISION STATE	44.3 46.8 46.8 44.2 49.0 44.5 42.0 42.0 43.9 43.9 43.9 43.9 43.3 43.9 43.3 43.3	8.5 9.1 8.8 8.6 10.5 10.5 10.5 8.0 8.0 8.0 8.8	73 73 73 74 80 80 72 72 72 72 72 75 75 75	16 224 18 24 18 18 18 18 18 18 18 18 18 18 18 18 18	116 130 100 117 135 135 117 17 18 18 9 9 111	30 11+ 30 30 30 30 31- 30 30 30 30 30 30 30 30 30 30 30 30 30		12 11 11 10 10 14 12 8 12 11 10	5.07 5.17 5.19 9.30 5.91 9.30 5.28 6.41 7.44 7.4 7.5 5.78 5.47 5.88 6.86	1.08 1.60 .58 2.45 1.70 1.47 1.17 1.40 2.48	.76 1.28 2.90 2.48 2.90 2.48 2.72 1.29 2.72 1.20 1.20 1.20 1.20 1.20 1.20 1.20 1.2	22 22 25 25 25 25 22 22 22 25 5 5 5 5 5 5 21 5 5	1.3 1.2 1.7 4.0 0.0 1.7 2.5 7 4.2 1.5 7 7	1 12 4 1 1 T 2 T T 2 T	31 30 31 31 31 2+ 31 31 31 29	16 17 17 17 19 19 19 11 15 15 17 18 13	9 6 9 9 13 7 7 7 8 10 7 5 5	11 2 11 2 2 2

Table 3				_					
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ADDIBON DAN 45 8 ADOLPHUS 1 H H// ALLEN ALLEN ASHCAMP	т		.03	.10 .40 .05 .08	.30 .99 .36 1,33	1.40 9.20 .51 .33	.00 .02 .40		
ASELAND DAM 20 BARBOURVILLE WATER WES S BARDSTOWN BASS 3 SW BASTEN BARLAN WAYER WES E	Т			.45 .11 1.80 .40	.12 .48 .10	.39 1.44 1.21			
REAVEN DAM BERBAW BERBA WATER WORES BOSTON 2 SW BOWLING GREEN	т		T .04 T .10	T .10 .16 .05	.70 .24 .15 .27	.03 .90 1.64			
BOWLING GREEN SUBSTA BOWLING OREEN WB AP BRENT DAM 36 RROENSVILLE LOCK 8 GURGIN DIX DAM			T T	.10 .33 T .05	.18 .74 .22 .06	1.62 .70 2.39 1.00	.09		
GURNSIDE CADIE LOCK 9 CAMPBELLSVILLE CARROLLTON LOCE 1 CENTRAL CITY 1 9	Z			.21 .21 .29 .10	.14 .53 .69	1.20	.40		
CLINTON COLLEGE BILL LOCK 11 COLUMBIA LW COLLEGE CONSTANTINE CORBIN		01	.22	.23 .17 .07	1.49 .26 .31 .30 .71	1.0			
	T T		.01	.03	7 2.33 .36 .21	1.9 .2 .9 1.1		5	
DUNNOR	R		.36	.00	.02	.5	2.00 5 .43 2 3 0 2.00		
ELIZABETHTOWN WATER WES FALMOUTH FARMERS	2 1	r	.01	.20 .15 .32 .03	.10	1.0 7 .9 8 .9	8 .10 3 .13 7 .50 8 .2	3	
FORD LOCK 10 FORDS FERRY DAM 50	Z		.08 T	.11 .20			8 .2 8 2 0 4 .2		
FRANKLIN WATER WORKS FINNCEBURG 1 8V GEORGETOWN WATER WORKS GEST LOCK 3 GLASGOV	z			.3	1.0	5 1.1 6 1.5	9 .0	4	
GRANT DAM 38 GRAYSOR GRENSBURG GREENSBURG BIWAY 61 BR GREENUP DAM 30	١	т		.0 T .3	3 .3	4 2.: 3 .: 1 1.: 3 1.:	10 .2 18 .4 10 15 12 .3		
GREENVILLE 2 W HALEYS MILL HARTFORD 8 R HAZARD HEADQUARTERS	R Z		T T	.0		7 15 15 15 18 2	56 50 72 30 .3		
HEIDELBERG LOCK 14 HENDERSON 4 6W HENDOR SICKSVILLE BIGH BRIDGE LOCK 7	8		.0 T	.1	9	11 . 30 . 51 . 11 .	87 .4 30 19 72 84 .1	19	
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LITTLE HICEMAN LOCK 6 LOCKPORT LOCK 2 LOGLICE 1 8 LONDON POST OFFICE LOGISA LOCK 3	// R Z			:	28 .	18 29 1 43 1	40 1	09	
LOUISVILLE BOWMAN FLD LOUISVILLE STAN WE AP LOUISVILLE UPPER GAGE LOUISVILLE WE CITY LOVELACEVILLE	R Z	T T	7	ua <sub>l</sub>	08 1 12 1 04 10 1	.07 .14 .42 1 .14 .	.45	.05	
LUCAS MADISONVILLE 1 SE MAMMOTH CAVE PARE MANCESTER MATFIELD GUBGTA	R		т		58 38 15	.57 1 .09 1 .13 1 .36	.36 .10 .45 .98 .83		
MATFIELD 2 S MATSVILLE DAM 33 MC KINNEYSBURG MIDDLESBORO MIDWAY 2 S	11//	т	1		.30	.09 2	.72	.05	
MILLERBURG MILLERBURG MONTICELLO MORENEAD STA TEACE COMMOUNT STEELING	R/			1	.15	.77 .06 .45 .26	.34 1.68 1.70 1.30 1.09	.30	
HUNFORDVILLE HUNERAY CLIVEY CLIVEY CHECHTA BAH 35	1			.01	.34	.21	.37 1.24 1.78 1.40	.11	

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				Temper
Station	Avarago	Departure from normal	Highest	Dete
SEAVER DEVISION SEAVER DEVISION SCHOOL SEAVER DEVISION SCHOOL SEAVER DAY GENERALLE 2 W GENERALLE 2 W GENERALLE 2 E MADISONVILLE 1 SE MADISONVILLE 1 SE MADISONVILLE 1 SE MADISONVILLE 2 S MURRAY DEVISION DIVISION CENTRAL DIVISION ACCESSAGE DIVISION SOULING GENERN 94 AP	41.2 42.0M 43.3 41.1 41.9 42.4 43.4 41.6 43.6 41.5 42.8 43.6 42.4	4.9 7.2 4.8 4.4 5.5 4.9 6.3 7.4 5.7 7.1 5.8 8.7	71 70 70 70 72 72 70 71 74 68 72 71 70	9 15 18 15 9 15 18 9+ 9+ 15 16 9+ 10
ANCIDIAGE  ANCIDIAGE  SOULING GREEN WE AP  BURGIN DIX DAM  BUR	40.4 45.5 45.0 33.6 33.6 44.9 44.7 45.5 41.6 41.2 41.6 41.2 41.6 41.2 41.6 41.3 45.4 46.9 46.9 46.9 47.9 48.8 48.8 48.8 48.8 48.8 48.8 48.8 48	9.7 9.9 6.7 7.0 8.3 8.2 6.7 9.8 9.5 10.0 8.4 7.0 8.2 8.5 9.1 8.8 8.6 10.5	70 71 71 71 72 67 72 72 72 72 75 69 71 70 70 72 71 71 71 71 71 71 73 73 73 73 73 73 73 73 73 73 73 73 73	18 18 16 18 18 18 18 18 18 18 18 11 11 11 11 11

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on				
r, Sleet, Ha	या	N	o of day	ra
Max. depth on ground	Date	.01 or more	.25 or more	1,00 or more
2 2 3 4 3 2 5 4 3 3 3	31 31 31 31 31 31 31 31 31 31	13 14 18 14 14 12 15 15 15 13 14 15 15	10 11 13 11 10 11 11 11 11 12 13 12 10	2 3 3 5 2 2 4 1
3 2 2 2 2 3 3 3 2 2 2 3 T 2 T	31 31 31 31 31 31 31 31 31 31 31 31 31 3	16 16 14 13 17 16 13 17 17 20 15 15 15 14 15 14 15 14 15 14 15 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	11 10 10 7 9 8 9 9 11 10 10 10 10 10 11 8 10	2 1 1 3 1 1 1 2 2 2 2 1 2 1 1 1 1 3 2
1 124 1 T Z T T Z T	31 30 31 31 31 31 31 31 31 31 31 32 29	167 177 177 147 197 197 197 118 13	9 6 6 9 9 9 9 13 7 7 7 8 8 10 7 5 \$ \$	1 1 2 1 1 2 2 1 1 2 2 2
	v, Sloest, H. H. 100 quopp ways 2 2 3 4 3 2 2 3 4 3 2 2 2 2 3 3 5 2 2 2 2 3 3 7 7 2 T	7, Sloot, Hall  1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	7, Sloet, Hail N.  10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	7. Sloot, Hall No. of day    Sloot, Hall

Table 3									1	DĀ	ILY	P	RF	ECI	PI	TA	TIC	NC												JA	FUART	1849
	-														-	of me	-		10 T		01	22	23	24	25	26	27	28	29	30	31	Total
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	ZA	25	20	21	20		30		
ADDISON DAM 46 % ADOLPHUS 1 B R// ALLEN ANCHORAGE ABNCAMP	т	.03	.16 .40 .06 .08	.20 .23 .36 1.23	1.40 2.20 .61 .33 .65	.05 .03 .40				т	T T	.02 .07 T	.02			.03	.80 .63 .40 .26 .27	.07 .10 .00 .00	.38 .66 .12 .14 .05		. 51	1.09 .80 1.35	.82	.40 .08 .20 .78	.76 .10 .46	.62 .32 .30 .67 .36	.26 .80 .08 1.68 .97	. 12	T .0I T	т	.60	8.29 7.18 4.01 7.82 4.00 5.07
ASHLAND DAM 39 BARBOURY ILLE VATER WES E BARBSTOWN BASS 3 5 F BAXTER BARLAN WAYER WES R	т		.45 .11 1.60 .46	.07	.39 1.44 1.21 1.38	2.00					.06	.14	.02	.02		. 23	.06 .34 .30 .67 .11	.03 .22 .27 .07	.16 .33 .62 .19		1.46	.17 .61 1.22 .23	.16	.97	.68 .04 .65 .04		.18 .30 1.10 .10 .20		т	.19	.07	6.63 6.52 7.3I 6.76
REAVEN DAM BENHAM BERKA WATER WORKS BOSTON 2 5W BOWLING GRKEN	т	T .04 T .10	T .18 .16 .08		.90 1.64	.66			т	т		.06 T	.82	.01	.02		.34	.06	.40 .42 .34 .62		.06	1.26 1.10 .30 .65	T T .01	.10 .64 .07	.02 .13 .90 .21	.83 .07 .26 .39 .36	.16 .26 .27 .31	.32 .36 .87 .41	.01	T	.80	6.30 6.17 6.13 4.95 5.69
BOWLING GREEN SUBSTA BOWLING GREEN WB AP BRENT DAM 35 BROWNSYILLE LOCK 6 BURGIN DIX DAM		т	.10 .33 T .05	.74	1.62 .70 2.39 1.69 1.00	.09		т	т		.06 .12	т	T.03	т		.36	.23 .26 .38 .33	.10 .65 .12 .16 .30	.56 .73 .22	т	.84	.42 .70 .75	.10	.09 1.42 .13 .20	.47 .83 .74 .46	.29 .36 .24 .32	.24 .52 .05 .27 .65	.50	.01 T	т. 13		5.37 5.50 7.20 6.06 6.42
BURNSIDE CADIZ LOCE R CAMPERLISTILLE CARROLLTON LOCE 1 CENTRAL CITY 1 B			.21 .29 .10	.47 .14 .53	1.76 .95 1.20 1.10 .34	.40					.10	.05		.03	т	.17 .05 .81	.45 .95 .37 .35		.45 .71 .47 .50		. 20 . 70	.70 .24 .40	.20	.26 .02 1.82 1.26	.44	.78 .52 .44 .25	.60 .12 .25 1.09	1.05	T	.08	.70 .25 .31 .30 .35	7.18 7.24 4.59 7.32 6.00
CLINTON COLLEGE HILL LOCK 11 COLUMBIA LW COLLEGE CONSTANTIME CORB IN		.32	.23 .17 .07	1.49 .28 .31 .38 .71	1.15					.02	т	.04	.10	.03	. 13	1.22	.28	.45 .10 .12 .66 .34	.25 .83 T		1.06	1.32	. 22	1.34 1.20 .12	.56 .15 .13 -	.18	.33	.01		.42	.12 .35 .43 .37	8.22 4.66 6.14 6.18
CORBIR WATER WORKS COVINGTON WE AIRPORT CTNTHIAMA DANVILLE DAVELLA	T	.01	.17 .14 .03	T 2.53 .36 .21	1.95 .25 .92 1.11 .77	.34 T .19		т	T	.16	T T .01	.03		т	.02	.43 T	.49 .05 .14 .26	.52 .07 .21	.36 T .46 .33		,40	1.15 .43 .77 .21		1.59 .54 .18 .08	.32	.22 .38 .83 .38	.30 1.30 .09 .21			T T T	.21 .38 .39 .74	0.30 8.95 8.56 4.87 4.43
DELPHIA DEMA DUNDEX BARRETTS FORD BR : DUNDER BARRETTS FORD BR :		.38	.08		1.32	2 00							.20			.04	.80	.20 .57 .20 .28	.26 .80 1.05 .25		.01	2.50	.07	1.30 .70	1.40	.41	. 38	3 .53 T			.83 .24 .35	5.24 8.26 8.42
EDDTYILLE LOCK F EDMONTON ELIZABETHTOWN WATER WES FALMOUTH FARMERS	т	.01	.20 .15 .32 .03	.01	.87	.13			т		T .01				т	. 25 T	.91 .58 .31 .20	.09	.48 .61 .30 .42 .46	т	1.08	.56 1,21 .45 .90	.01	.10 .65 1.51 .90	1.10 .47 .34	.25	. 88 3 . 23 3 . 11	8 .25 3 .88 1 .78 8 .52	3 T	. 02	.26 .25 .02 .33 .41	8.18 6.93 7.00 6.84 5.91
PORD LOCK 10	R Z	.08 T	.11 .26 .13	.8	0 .38 7 .35 0 1.20 0 1.1	8 2 0 4 . 28		т	T	Ť	.10 T	4 7	т		T	.11	.08	3 .33	.48		- - - - - -	.50	.44 .18 T	.78 .35 1.12 .82	3 .35	.56	3 .8	4 8 9 .84 2 .71	T T	. 45 T	.12 .34 .35 .50	4.69 8.07 8.95 7.28 5.50
FRENCHBURG 1 6W GEORGETOWN WATER WORES GEST LOCK 3 GLASGOW	z		.3	1.0	1.6: 1.9: 5 - 5 1.1: 8 1.8	8 .04	3			.0		T .0:		.0:		.01	.10				.41	1.04	.83	.25 .78 1.05	8 .73 5 .58	.2:	1 .1 3 .7 8 .0 5 .5	1 ,2	1	.36	.29	6.27 6.66
GRANT DAM 36 GRATSON GREENSBURG GREENSBURG HIVAY 61 BR GREENUP DAM 30	т		.0 T .5	3 ,3	4 2.2 3 .5 1 1.8 5 1.6 0 .4	5 .3					.0		1	т		Т	.4 .4 .4	3 .15 5 .26 7 .02	.31		.7	.9: 0 .30 5 1.0: .50	. 15 T		.20 0 .12 3 1.47			9 .7	4 T	1 7	.14 .30 .25 .35 .28	5.64
GREENVILLE 2 W HALEYS WILL HARTFORD 6 N HAZARD HEADQUARTERS	z	.2 T	5 .0	1.0	7 .8 5 .6 2 .7 15 .8 18 2.4	8 .3		T	т	т	. 0	1.0	0.0		Т	.8	.2	.8	.83 1 .12 5 .45		.6	1.5	. 88 . 48 0 . 30	.1	6 .54	1 .5	5 .5	0 .3		Ť	.87	5.11
HEIDKLBERG LOCK 14 HERDERSOR 4 ST HERMIDON HICESVILLE HIGH SRIDGE LOCK 7	Z R	.c	:1	3 .5 4 .1 5 .1	1 .7	10 18 72 34 .1	9		T		Ť.	оз .о		.0		.6		1 .1. 8 1.4 3 .9 9 .3 3 .1	5 .11		.5	8 1 1 .4 .6	.51 .5	1 .2	1 1.0	0 .2 2 .8 2 .2		90 28 .7 13 .3	2 1 T	.1 T	.16	
BINDMAN SETTLEMENT SCE HODGENVILLE BAT PARK BOPRINSVILLE 2 R HTDEN IRTINGTOR	R	· .c		5 .	25 .6 78 .5 .22 -		4				T	.0			т	.4	5 .1	.6	2 .80		.6	0 .6	3.5 .8	.7	2 .8	0 .6	8 1.4	33 .4 53 .8 48 .0			.31	8,32
JACKSOR JENEINS WATER WORKS JEREMIAH EKRIKE 2 N KENTUCKY DAN	g z	T		7 :	19 20 1.0	50 79	10		1	7	т			:5 T	14 .6	T .2			0 .7 2 .7	2 2 4	T	1.4	0 5	1.3	29 .5	2 .2		08 .2 13 .0 23 .2 23 .2 31 .4	21 T 81	т	.56 .35 .76 .46 .11	5.73 8 8.47
LANCASTRE ICE PLANT LAURA LEITCHFIELD LEIINGTON WB AIRPORT LIBERTY	z T	÷	05	08 . 15 . 08 .	22 1.0 24 . 09 1. 88 . 301.9	50 .4 45 54 8 .4	10		.01			05 .	02	.4	о1 т	.0		18 .3 28 .2 35 .1 13 .8 45 .1	5 .7 3 T 5 .3	3	9 .0	1.6	55 01 .3 64	13	21 .2 24 .1 96 1.2 80 .2 11 .1	11 .:	26	54 T 20 .:	42 29 T 68 T 30		3 .2	5 7.85 6 5.55 5 5.97 3 4.85
LITTLE HICKMAN LOCK 6 LOCKPORT LOCK 2 LOGLICK 1 8 LONDON POST OFFICE LOUISA LOCK 3	// R Z		-	28 .		17 40 T	09 14				7	08	05 02				23 .	10	26 .2 12 .5 30 13 22	7	1.	84		18 .0 25 22 .:	27 .2	22 .	11 .	40 T		-	12 .3 38 .3 .2	
LOUISVILLE BOTHAN FLD LOUISVILLE STAN WE AP LOUISVILLE UPPER GAGE LOVELACEVILLE	R Z R 1	. 1	01 03 05	10 1.		45	05		T	1	7	01 03 T	02 01		1	1.	12 . 44 21	1.			:	43 80	67	28 4.	79 .:	15 ·		13	1			5 7.10 0 7.82 10 8.78 11 11.15 14 6.98 19 8.10 33 6.62
LUCAS MADISONVILLE 1 SE MANMOTE CAVE PARE MANCHESTER MAYTIELD SUBSTA	100	1		30 15 18	.36	.36 .10 .45 .98 .83			7	T			1				31 1.			14		85	51 18 14 T 74 .	21 .	01 70 42 18 1.		46 46 35 .78	29	75 49 1 35 1 87		.5	19 8.10 33 6.62 34 5.02 21 8.18 25 6.72E 20 6.41
MIDDLESBORO MIDWAY 2 S				30		.72	. 32	-	т	т	.05		.08	01 7				30 .	61 07 22 .	83 28 48		47	51 T 77 :	63 1.		70	28 85	. 68	.60 .54 .80	T :		7.64
MILLERBURG MILLERBURG MOTICELLO MORRHEAD STA TEACE COM MOUNT STERLING	B//		т	.15 .14 .25	.77 .06 1 .45 1 .26 1	.34 .85 .70 .3	.30				.02			02	.02			53 .07	22 . 05 . 51 . 46	84 80 01	1	.02 .02 .03 .72			.05 . .19 . .32 .		39 .58	.65	.57 .61 .02 .20		05	33 31 4.77
NUMFORDVILLE MURAT CLIVE HILL CLIMIT ORECETA DAM 38	15 16	1	.03	.34 1	.01	.57 .24 .7.	.11				T <sub>01</sub>		.Th	T notes	ollowi			.S	26	00		8.8	40	36 55 3	.81 .32 .64 .95			.09 .71 .02 1	.04 .22 .36	T .		20 31 8.11 35 5.93 30 8.28 18 7.17

.05 .53 .73 T - 5 -

## DAILY PRECIPITATION

KENTUCKY

Station		,	,												Day	y of n	onth															7
	1	.2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
VENSBORO VENSBORO DAM 48 Z ADUCAH NO 5 FIRE STA ADOCAH SCS NURBERY R ADUCAH T V A		.20 T	.07 .02 .21 .30	.22 .30 .33 .93	.85 1.03 .05						.01 T	T T		т	T	.25 .11 .31 .97	.80 .92 .81 .10	.58 .15 .30 .71	.85 .90 .62		.07 .58 .10	.53 .72 .57	T .49	1.58	3.65	.48 .51 .50 .13	1.04	.65 1.02 .88	T	T .04	.07	8.4
AINTSVILLE IREVILLE Z IMEVILLE LEASUREVILLE LEASUREVILLE Z RINCETON	T	.02	.39	.42 .15 .29	1.29 2.30	. 60		т		т	T .02	.07 .07	.03	.02	T ,01	.30	.80 .35 .13 .20	.20 .01 .10	.42 .08 .18	.75	.98	1.00 .22 1.46		.07 1.80 1.73	.47 .05	T .06 .05	.14 .83 1.80 1.11	.36 T .34	T T	T,21	.55 .42 .81	8.3
AVENNA LOCE 12 ICEMOND TEACHERS COL UMSET LOCE 2 USSELLVILLE USSELLVILLE USSELLVILLE USSELLVILLE		т	.25 .18 .12 .18	.25	1.69 2.07 1.10 1.98 1.82	.28			.02		т.	.04	.01		т	. 24	. 25 . 58 . 46	.08 .20 .35 .15	.27 .24 .94 .83 .79		. 25	1.02 .82 .84 .47	.09	.06	.08 .24 1.80 .30 .34	.24 .20 .54 .41		.21 .46 .86 .45	T T		.12 .20 .26 .35	5.7 8.6 6.9
ADIEVILLE WATES WKS R T JOHN SETFLETEM ACAD ALVISA LOCK 6 ALVERSVILLE R// CIENCE BILL	т	т	.29 .07 .40	.14	1.46	.07		т			.01	.01	, 10	т		.06	.35 .14 .45 .47	.15 .23 .10	.92 .66 .13		T .85	.71 .61 .08	.85 .16	.68 .80 .28 .03	.28 .58 .64 .22	.40 .61 .44 .15	.17	.18 .48 .15	т	- T .12	.20 .33 .62	8.0
COTTSVILLE EEREE WATER WORKS HELBYVILLE 2 W HEPPHERDSVILLE MITHFIELD 4 S R	.03	.02	.76 .07 .04 .05	.10	2.27 1.30 1.74 1.47	.10			.02		.03	.04		.02		.02	.87 1.05 .38 .53	.18 .26 .17	.68 1.40 .64 .72		.81 .63 .20 .03	.30 .43 .61	.08	.31 .88 1.21	3.00 .89 .71	.79 .66 .68	.73 1,32 .30 .35	.82	T .28 T		.35 .35 .30	8.: 9.:
OMERSET HIWAY DEPT R PRINGFIELD TEARNS H UMMER SHADE SUBSTA ATHAM SPRINGS R			.35 .07 .83 .28	.99	1.14 1.31 1.58 1.80 .41	.11					.02	.04		т	т	.11	.41 .22 .37 .59	.50 .35 .43 .03	. 67		1.07 1.31 .70 .57	.06 .68 .07 1.22	.17	.30	.09 .61 .05 .03	.18 .10 .46 .30	.35 .53 .30 .83	.35 .06 .26		.02	.20 .32 .37 .20	6.8
AYLORSVILLE DMPEINSVILLE BOMPEINSVILLE TEL OFF DREEY CREEE SCHOOL FRONE LOCE 5		т -	.01 .65 .30 .30	.85	1.48 .77 1.38 .80 1,16	.06		1.00			.06	.03				.03	.32 .43 .31 .80 .24	.18 .60 .06 .55	.58 .40		1.14 .20 .15	.63 .02 .80 .55	.07 .23 .20	.88 .06	.80 .12 .60	.58 .34 .24 .75 .85	.32 .65 .80 .80	.74 .30 .50	-	. 25	.32 .10 .03 .46	7.4
NIONTOWN DAM 49 Z ALLEY VIEW LOCK 9 ANCEBURG DAM 32 ATMESSURG 6 E EST LIBERTY WATER WES		т	.05 .07 T .14	.18	.85 2.01	.20 .31 .11 .20					.08	.03 .11 .05	.01	T .01		.32	.65 .13 .08 .47 .28	.42 .28 T .11	.53 .28 .40 .42 .28			.52 .58 1.23 1.03		1.10 1.16 .62 .15 .25		.51 .52 .16 .17	.10 .20 .20 .16 .19	.65 .45 .60 .26	;01	т	.05 .35 .30 .50	6.4
ILLIAMSBURG ILLIAMSTOWN ILLIOW LOCK 13 OLF CREEK DAM Z OODBURY LOCK 4 Z			.15 .13 .25 .28 .10	.60 .35 .30	1.47 1.15 1.31 1.78 2.05	.12 .18				.03	.04	.09 .06 .01	.02	T T		.02	.04 .20 .46 .57	.21 .08 .06	.17 .28 .23 .55	.30	.41	1,34 .10 .88 1,59	.06	.15 1.40 .19 .04	. 23 . 08 . 05	.04 .53 .28 .25	.57 1.10 .28 .69	.07 .15 .19 .27	T T	т	.70 .36 .56 .54	7.1 5.4 7.1

Table 4

Table 4	T	-	-			A.M	. Hou	endin	g									РМ	Hour	endin	9					7
Station	+	1	2	3	4	5	6	7	в	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Tota
	+			+		1							-ls	st-	-		-		T				-			
CORBIN 6 MATSVILLE DAM 33	"	-	-	-	-	-	-	-	-	-	-	-	.01 <b>-2</b>			-	-			-	-	-	-		.01	.01
CLINTON	′/							.02	.01	.01	,02	.01									.01	. 10	.03	.02	.01	.02
DUNDER BARRETTS FORD BR FORDS & FERRY DAM 50 FRANKLIN WATER WORKS BERNDON																						.06	.10	.02	.01	.02 .01 .18
KENTUCKY DAM							.01													.01			.07	.07	.02	.01 .02 .20
OWENSBORO DAN 46 PADUCAE SCS NURSERY UNIONTOWN DAM 49	//												-3		.01					.01				,	.01	17
ADDISON DAM 45 ADOLPHUS 1 N BARBOURVILLE WATER WKS	//	. 09	.02	.02	. 03	.06	.01	.01	.19	.07	.01		.01 .01 .06	.01 .01 .12		.01	.01		1							.58
BAXTER HARLAN WATER WES			.03	.04	02	.01 .01 .04 .03	.03	.01	.02	.03	.01	.01	.03	.10		.03										.45 .40 .30
BOWLING GREEN WB AP CARROLLTON LOCK 1 CENTRAL CITY 1 E CLINTON	//	.01		.01	.04		.03	.01	.01	. 01	.01			.05	.05							.02	.15	.04	.03	.06
CLINTON CORBIN DAVELLA DUNDEE BARRETTS FORD BR	A	•	•	•	•	.02	.10	.01	.01	.02	.01	.02	. 23	.02	.07	.06	.04	. 02	. 15							.25 .06 .56
			.01	.01	.04	.05	.02	,01	.03	.26	.09	.01	.03	.01	.01	.02	. 02							.14	. 11	.11
FUNDATION FILMINGSBURG POST OFF FORDS & FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL		.06	.02	.04	.03	.04	.01	.07	.21	.05	.01				.02	. 01										.54
HEIDELBERG LOCK 14	1/1		.02	.01	.02	.01	.04	.03	.02	.01		.03	.03	.07	.09	.06										.41
BERNDON BODGENYTLLE NAT PARK		.01		.01	.01	.01	.02	.05	.01	.03	.09	.01	.01	.03	.02	.11	.01	.01					.10	. 01		.03 .31 .37
JENEINS WATER WORKS MENTUCKY DAM LEXINGTON WB AIRPORT	,,				.04	.01	.02	.02	.03 .01	. 02	.01	.11	.01	.03	.01	.02	.01		.01	.01						.11 .15 .36 .29
LIBERTY LITTLE BICKMAN LOCK 8 LOG LICK 1 S	//			.04	.03	.02	.02	.02	.01	_	.01	.04	.08	.03	.01	.03	.01		-	-	_	-	-	-	_	- 24
LOG LICK 1 S LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP				.02	.04					. 01			.01	.02 .03 .03	.10	.08	.02	.01								.08
LOUISVILLE STAN W B AP LOUISVILLE WB CITY LUCAS MC KINNEYSBURG			. 03	.04	.01	. 04	. 05	. 05	.11	.19	.05		.01	.04	_		_	_	_	-	_	_	-	_	_	.10
MILLERSBURG MOREHEAD STA TEACH COL	//		-	-	.02	-	-	.01	.01	.01	-	-	-	-	.03	.02	.02	.03	-	-	-	-	-	-	-	.15
OLIVE BILL OWENSBORD DAM 46		-	-	.01	-	-	.01	.01	.01	.01	1		.04	.02	.06	.03	. 01							.25	.07	.16 .11 .30 .37
PADUCAH SCS NURSERY PIKEVILLE BURSEY LOCK 2		.01	.02	.02	.01	.02	.02	.02	.01	.03	.01	.01		.01	.03	.06	. 08	. 03	. 02	.02			_	_	_	. 09
SADIEVILLE WATER WORKS	//	-	-	-	-	-	-	.05	.02	.06		.01	-	.02	.06	.10	.06	.01	-	-	_	-	-	-	-	.40
SMITHFIELD 4 S SOMERSET HIWAY DEPT STEARNS TATHAN SEPIMES			.02		.03	.03	.01		.01	.02	02	.07	.13	.02	.01		.01								. 01	.63 .19
TATHAM SPRINGS TOMPKINSVILLE UNIONTOWN DAM 49 WOLF CREEK DAM	//	.01	.04	.05	.05	.04	.01	.05	.04	.12	1	.03	. 05										.05	. 30	.17	.55
WOODBURY LOCK 4					.02	.02	.04	.02	.01					th-						1					.01	
ADDISON DAM 45 ADOLPHUS 1 N BARBOURVILLE WATER WKS	//	.18	. 01	.01								.01	.02		.03	. 27	.40	.18	.01	.07 .02	.07	.0	1 .01 0 .05	5 .06	. 05	.63
BAXTER HARLAN WATER WES											.04			01	.07	.09	.30	.01 .10 .18	.07	.11	.04	.0	.05	5 .02	.06	.36
BOWLING GREEN WB AP CARROLLTON LOCK 1 CENTRAL CITY 1 B	//	.01		. 41		.01	0	.03				. 25	.04	.01	.01 .02 .10	.02	.13	.13	.03	.02		.0	1 2	. 02	.32	.69
CONSTANTINE CORBIN	6	.02							.01	. 0	9	. 05					.02	.01	.04	.02	.04	•		.03	. 62	20
DAYELLA DUNDER BARRETTS FORD BR EDMONTON FLEMINGSBURG POST OFF		.02	.0:			.31									.06	.28	.10	.03 .15	.08	.09	.05	.0	5 .0	3 .04	4 . 03	1.01 .63 .80
FILMINGSBURG POST OFF FORDS & FERRY DAM 50 FRANKLIN WATER WORKS			.0	.17		.02		. 02	. 09	.0	2		.10	.40 .01	. 04	.02	.01 .35 .01	.02 .16 .12	.17	.07	.01	.0	3 .0		.05	1.08
FORDS & FERRY DAM 50 FRANKLIN WATEB WORKS GEST LOCK 3 HALEYS MILL HAZARD	11			.14	.04											.07	.08	. 01	.01		.02	. 0	4 .0	4 .03	5 .09	.35 .20 .44
BERNDON HODGENVILLE NAT PARK	//									.0	1 .05			. 03	.09	.06	.01	.02	.05	.15	.06				1 .13	0 .35 6 .20 9 .44 2 .51 .76 .05 .78 .68
JENKINS WATER WORKS KENTUCKY DAM LEINGTON WR AIRPORT					. 02	2					.03	.10	.1	9 .11	.08	. 09		.08 .06 .07	.19		.02		08 .0 08 .0 07 .0	3 .0	2 .04	
LIBERTY	11														.01			.06	.16	8 .14		. 0	07 .0 04 .0 03 .0		1 .0	1 .40 1 .43 5 .44
LOG LICK 1 S LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY			.0	2 .0	1				.17	7 .0	.12	. 01	1 .0	1 .04	.08		.10	.37	.23	3 .07	.10	3 .0	01 .0	.0 14 .0 12 .0	3 .01	1.07
			. 1	2 .0	2	.0	7 .0	16	. 01	1		.03	3 .0	2 .04	.02	.04	.09	.15		2 .02 9 .20	.03	). E	01 .1	.2 12 .0		2 77
MILLERSBURG MOREHEAD STA TEACH COL OLIVE HILL OWENSBORD DAW 46		.01	L .0	1		.0	1 .0	1 .0		. 0						.18				2 .04	1 .03	3 .0	02 .0	5 .0	5 .0	3 .35
OWENSBORD DAM 46 PADUCAH SCS NURSERY PIKEVILLE RUMSEY LOCK 2		.01		01 .0	1	.0	.i	.5	.0	5 .0			.0	9 .10	6 .05	. 0		.02	. 0:	3 .10	0.0		.0	01 .0	1 .0	5 .11
SADIEVILLE WATER WORKS SALYERSVILLE	/.							.0	1				.0	1				.11	. 0	8 .1	6 .0	Б.(	.08		5 .0 5 .0	

Station	h	1	2	1.	Τ.	5	1	1	Τ.	Τ.	1			,		1	1					-		_	_
	-	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
MITHFIELD 4 S		_										. 01													
OMERSET HIWAY DEPT TEARNS ATBAM SPRINGS			_	_	1	-	-	-		.01		.01		.02	.02	.08	.09	.36	.21	.06	.12 .02 .04 .07 .05	.05 .07 .09 .03 .08	.03 .07	.0S	10
									.02	.01	. 01			.01	. 03	.01	.11	.07	.13	,09	. 04	.09	.31	.10	.14
NIONTOWN DAM 49 OLF CREEK DAM	11	.01							. 58	.82	. 07	.15		.10	. 13		.11 .08 .02	.16	.09	.12	.05	.08	.04	.03	
OODBURY LOCK 4												110		.01	.05	.35	.78	.11	.21 .16 .13 .08 .09 .28 .10	.06 .07 .09 .09 .12 .15 .18	.08	.03	.08	.0S .24 .10 .01 .03 .08	.11
DDISON DAW 48													-5	th-				.00	.01	.03	.12	.02			.01
DOLPHUS 1 N ARBOURVILLE WATER WKS	11	.19	.02	.02 .23 .16 .03	.01 .21 .09 .12 .12 .20 .02	.02	.02 .05	.0S	.01 .01 .13	.01		.01	Ŭ												
	j	.1S .01	.15	.16	.09	.08		.01		.26	.09	.07	.0S	.18	.02	.01		.01							
EREA COLLEGE OWLING GREEN WB AP ARROLLTON LOCK 1		.07		.06	.12	.34	.30	.20	.13	.11	.10			.10	.02	.01		.01							
ARROLLTON LOCK 1 ENTRAL CITY 1 E	11	.01	.13 .01 .03	.08	.02	. 05	.06	.06	.04	.01	.01														
ENTRAL CITY 1 E LINTON ORBIN	6	.03	*			.03	. 57																		
AVELLA UNDEE BARRETTS FORD BR DMONTON		.05	.04	.02	. 06	.04	.01	.06 .03 .13	.10	.08	.08	.10	.56	.14	.01	.01	•	*	.02						
DMONTON LEWINGSBURG DOST OFF		.03	.04	.01	.17	.27	.04	.13	.01	. 02	.02												1		
RANKLIN WATER WORKS		. 19	.14	.12	.26	.10			•	•															
ALEYS MILL		.01	.05	.01	.26	.04 .05 .27 .02 .10 .02	.08	.03	.03	.03	. 03														
DMONTON LEMINGSBURG POST OFF RANKLIN WATER WORKS SST LOCK 3 ALEYS MILL AZARD EIDELBERG LOCK 14	1/1	.04	.06	.02	.02 .03 .03 .07 .08	.02	.11	.10	.10	.12 .07 .01 .03	.07	.10	.04	.01											
ERNDON ODGENVILLE NAT PARE ENKINS WATER WORKS		. 09			.03		.03	.02	.02	.01	.05	.03	.01	.01											
			.03	.02	.05	.1S .02 .08 .20 .08			0.4	.03	.01	.03	.09	.19	.02	.01									
IBERTY	11.	.02	.03	.14	.50	.20	.10 .32 .21	.10 .14 .12 .35	.05	.02	.02		. 02	. 01											
OG LICK 1 S	1/1	.02	.01	.02	.80 .08	.08	.21	.12	.23	.08	.04	.02													
ITTLE BICKMAN LOCK 8  OG LICK I S  OMDON POST OFFICE  DUISA LOCK 3  DUISVILLE BOWMAN FLD  DUISVILLE STAN W B AP  DUISVILLE WB CITY		.09	.02	-	-	.02	-02	.11	.14	-08	- .os	- .os	-	.05	.01	- 01	-	-	.01	-	-	-	-	-	-
DUISVILLE BOWMAN FLD DUISVILLE STAN W B AP			.05	.04	.03		.09	.02	.02	.03		. 00		.00	.01	.01			.01						
DUISVILLE WB CITY		.08	.16 .S0	.04	.01	.0S .04	.09 .04 .02	.01	.01	.01															
C KINNEYSBURG LLLERSBURG	11	-	-			-						_	- 1	-	_	_	-	_	_	_	_	_	_	_	
OREHEAD STA TEACH COL UNFORDVILLE LIVE HILL		.02		.03	.01	.03	.04 .18	.07	.11	.03	.02						l								
LIVE HILL	-		-	.01	.04	.02	.18	.40	.50	.02	- 04	-	-	-	.02	.01	-	-	-	-	-	-	-	-	-
TENSBORD DAM 46 ADUCAH SCS NURSERY KEVILLE		09	. 01		.03		.18								.02	.01									
		03	.0S .01	.03	.02	.01	.03	.06	.10	.06	.04	.04	.11	.11	.01	.01									
DIEVILLE WATER WORKS			.01		.06	.04	.08	.10	05	.02 .01 .13 .07 .14	.02	.01	.01												
	" :	08	.04	.03 .03	.03				.16	.13	.05	.09	. 03	.13											
MERSET BIWAY DEPT EARNS THAM SPRINGS	:	08 13 01	.10	.12	.04 .22 .0S	.23	.08	.10	.09	.14	.09	.04			. 01	.02									
OMPRINSVILLE TONTOWN DAM 49		01	.11 .04 .10 .27 .02	.09	.0S	.23 .16 .12 .17	.04	.03	.16 .01 .09 .15 .06	.02															
OLF CREEK DAM	//:	03	.01	.06	. 07	. 25	. 11	.09	.05	.13	02														
OODBURY LOCK 4	-	12	.10	.08	.29	.05		.03	.03	.13	. 03		0	. 1											
XINGTON WB AIRPORT													-8	th											
													-10	+h	.01							- 1			
RROLLTON LOCK 1	11												-10		. 03										
EMINGSBURG POST OFF	-	01	.01	_	_	_	_	-	_	. //	_	_	_		_	_			i						
RROLLTON LOCE 1 INTON LINTON EMINGSBURG POST OFF XINGTON WB AIRPORT UISA LOCK 3 KINNEYSBURG	-		_	_	_		_	_	_			.01			_	_	_	-	-	-	-	- 1	-	-	-
REHEAD STA TEACH COL IVE HILL	11								_	- 1	_	_	_	-	-	.03	.02	-	-	-	-	-	-	-	-
IVE HILL KEVILLE			. 01	.01																	.01				.01
			.01	.01									-111	h_											
RROLLTON LOCK 1 NTRAL CITY 1 F	//												_111	11-								.01	.01	. 01	.01
NTRAL CITY 1 E VELLA ST LOCK 3																									. 02
ZARD	1/:	02						.01															. 01	. 01 . 01	.01
IDELBERG LOCK 14 KKINS WATER WORKS XINGTON WB AIRPORT TILE HICKANA LOCK 8 G LICK 1 S UISA LOCK 3 UISA LOCK 3 UISVILLE BOWMAN FLD UISVILLE FAIN WE AP UISVILLE FAIN WE AP UISVILLE WE CITY	// !	02	. 01		. 03			.01		.01															
XINGTON WB AIRPORT TTLE HICKMAN LOCK R	//									.01												- {		.01	.01
G LICK 1 S	1// .	06	.02																					.01	. 01
UISVILLE BOWMAN FLD																			- [						.01
UISVILLE WE CITY																			ĺ					.01	.01
LLERSBURG	//																					.01		.01	.03
REHEAD STA TEACB COL IVE BILL DUCAH SCS NURSERY					. 01	.01																		.03	.03 .02 .01 .01
					. 01	.01																	.01	. 01	.01
DIEVILLE WATER WORKS THAM SPRINGS																									.02 .01 .01
													-12	h-										.01	.01
RBOURVILLE WATER WES	.0	01	.02										121	μ-											
REA COLLEGE RROLLTON LOCK 1 NTRAL CITY 1 E	// :8	02	01																						
					*		.02						.01												
VELLA EMINGSBURG POST OFF	.0		01	_																					
ST LOCK 3	// .0	01 .	01	.01	.01				-				-							-	-				
NKINS WATER WORKS	′′	01	02	.03	.01	. 01		.01	.01	1															
	//	02																							
	10	)1 .	03	.03																		- 1			

.02 . 02

### HOURLY PRECIPITATION

JANUARY 1949 Table 4-Continued P M Hour ending Station 5 6 7 8 9 3 5 6 я 10 11 12 2 MC KINNEYSBURG
MILLERSBURG
MORRHEAD STA TRACE COL
OLIVE HILL
PIEEVILLE
SADIEVILLE WATER WORKS
STEARNS
TATHAM SPRINGS .01 OT OI .02 .02 . 01 . 03 .01 .01 -13th-DAVELLA MOREHEAD STA TEACH COL SALYERSVILLE 06 .04 . 01 .01 .01 .03 -14th-BARBOURVILLE WATER WES CORBIN LEXINGTON WB AIRPORT MOREHEAD STA TEACH COL 02 01 .02 .01 .01 . 01 -15th-CARROLLTON LOCE I FORDS & FERRY DAM UNIONTOWN DAM 49 0.1 0.1 .01 11 -16th-ADDISON DAM 45
ADDLEBUS 1 M
BRERA COLLEGE
BOYLING GIRSEN VB AP
CONSTANT INC
CONSTANT INC
CONSTANT INC
DINNELS BARRETTS YORD BR
FORDS A FERRY DAM SO
FRANCEIN WATER WORKS
BALLETS MILL
BALLETS MILL
BALLETS MILL
BALLETS MILL
BERNDON .62 .18 .04 .39 .36 .81 .01 .01 .04 . 13 10 . 06 04 .01 .01 .02 03 .01 . 01 .01 .01 .01 .02 0.1 02 . 03 .02 .06 .06 .03 .05 . 09 .04 .07 .02 .04 .01 .01 .81 .02 .85 .48 .88 .88 .89 .02 .03 .31 .37 .44 .24 .09 .04 .27 .97 .97 . 05 03 02 . 05 . 04 .03 .08 . 13 .08 .04 .08 .07 .03 05 0.4 03 0.3 08 02 01 0.8 .12 . 02 .03 HALLIS MILL
HERNDON
BODGENVILLE NAT PARK
KENTUCKY DAM
LEXINGTON WB AIRPORT
LIBERTY
LITTLE BICKMAN LOCK 12 .08 10 0.0 0.5 ne 21 12 0.2 0.6 . 10 . 0.9 .02 .03 .02 .02 .01 .11 .05 .04 LIBERTY
LITTLE BICKMAN LOCK 8
LOUISVILLE BOWMAN FLD
LOUISVILLE STAN WB AP
LOUISVILLE WB CITY
LUCAS
MC KINNEYSBURG
MILLERBURG . 01 04 03 07 01 02 0.4 0.2 MILLERBURG
MUNFORDYILLS
OWENSBORD DAM 46
PADUCAH SCS NURSERY
RUMSEY LOCK 2
SADIEVILLE WATER WORKS
SMITHFIELD 4
STATEMA SPRINGS
TOMPHINSVILLE
UNTONTOWN DAM 49
WOODBURY LOCK 4 .08 .08 .01 .27 .11 .03 .02 .01 .04 .07 03 01 // .01 .05 .11 .03 .02 .03 .01 35 04 -17th ADDION DAM 45
ADDLEWS IN BARBORYILLE WATER WES
BATTER RABLAN WATER WES
BATTER ABLAIN WATER WES
BATTER ABLAIN WATER WES
BOYLING GREEN WE AS
BOYLING WATER WORKS
BOYLING WATER WORKS
LIBERTY BY ALL
BERTON
BOYLING WATER WORKS
LIBERTY BY
BOYLING WATER WORKS
LIBERTY BY
BOYLING WATER WORKS
LOO LICK IS
LOOD INY LIE BOYLING LOCK S
LOOD INY LIE BOYLING LOCK S
LOOD INY LIE BOYLING LOCK S
LOOD INY LIE BOYLING LOCK
WE REMEMBER OF WATER WORKS
WORKS
BOYLING BY
BY
BOYLING BY
BOY .01 .45 .34 .11 .29 .25 .20 .10 03 .03 .04 .01 .03 .28 .02 .07 32 .03 .06 .02 .06 .35 .03 .12 .41 .45 .13 .10 .18 .10 .13 .44 .18 . 20 .10 .03 .02 .01 .01 . 02 . 09 .03 .03 . 01 .03 .04 .03 . 02 .03 .12 .05 01 .06 .01 .39 .03 .68 .03 .11 .01 .04 .02 .02 .01 .09 .05 . 05 .01 .01 . 01 .09 .07 .01 .02 .01 .01 09 02 10 34 10 45 03 41 37 . 03 .02 .07 .07 .03 .01 08 11 0.4 0.5 13 13 .08 .01 .03 .09 .02 .03 .06

See reference notes following Station Index

.01

.01 .01 .12 .01 .05

.04 .01

.15 .10 .03

KENTUCKY JANUARY 1949

Station	-			-			r endi							. [	_ 1			4. Hou		_				
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
ODISON DAM 45 // NOLPHUS 1 N // ARBOURVILLE WATER WKS		.03			.05	.02	.03	.10	.01		-	-181	h-				.05	.45	.50	.05				10
ARBOURVILLE WATER WKS KREA COLLEGE OWLING GREEN WB AP						. 01	.02	.02	.01			- 1								.02	.01	.25	.01	.18
WLING GREEN WB AP LRROLLTON LOCK 1 //	.02		.01	.01	.02	.15	.01	.04	.01 .02 .02	.01	.01	. 1	.35		}		.11	.07	.48 .02 .08	.05	.32			
RROLLTON LOCK 1 // ENTRAL CITY 1 E JINTON UNSTANTINE	.07	.01		.02	.01	.01	.03		.02	.03	.02	.01	.35		.17	.01	.04	*	.08	.02				.86
ONSTANTINE ORBIN 6 AVELLA									.01	.07	.02		.02						•	*	•	•	*	.34
INDEE BARRETTS FORD BR OMONTON SLMINGSBURG POST OFF	.06	.08	.01	.01	.02	.08	.03	.03	.12	.02	.01	.01	.01						.22	.49	.41			
ELMINGSBURG POST OFF ORDS & FERRY DAM 50 RANKLIN WATER WORKS	.04	.04	-	-	.07	.06	.08	.07	.02	-	-	-	-	.01	-	. 31	.06	.04	.01	-	-	-		-
ST LOCK 3 LEY5 MILL		.02	.01	.04	,06	.02	.17	.07	. 03	.01	.01	.01					.39	.18	.06	.04	.06	.22		
IDELBERG LOCK 14								.07	.02	.01	.01					.10	.38	.12	. 01				.17	.09
ERNDON DDGENVILLE NAT PARK	.02	.05		.04	.01	.14	.05	.01	.02	.01						.10	.38	.12	.09	. 44	.18			
INTUCKY DAM IXINGTON WB AIRPORT		.01	.08	.10	.01	.17	.01	.13	.02		.01			. 49	.10	.04					.02	.52		
BERTY //						.07 .09 .02	.09 .13 .07												.03	.05	.10	.52 .19 .20 .03	.05 .12 .28	
ONDON POST OFFICE						.03	.05	.05		.01								_				.02	.28	.05
TITLE BICKMAN LOCK 8  % LICK 15 5  NDON POST OFFICE DUISA LOCK 3  DUISVILLE BOWMAN FLD  DUISVILLE STAN WB AP  DUISVILLE BOT STAN WB AP  DUISVILLE WB CITY		.04	.01	-	-	.01	.04	.03	.01	.01	-	.01		-				.01	.14	.40 .39 .30 .37	.05			
DUISVILLE WB CITY		.02	.01 .02 *			.01 *			.02	.01				*			.18	.01	.13	.30	.14	.01	.38	
C KINNEYSBURG //	.01	.02		.05	.01		.03	.06 .17	.12	.01												.38	.03	.14
REHEAD STA TEACB COL INFORDVILLE LIVE BILL FENSBORO DAM 46			.01	.01	.01	.22	.01	.01	.04	.01	.01								.19	.72	.08		.01	.12
TENSBORO DAM 46 ADUCAH 5C5 NURSERY	.07	.02		.02	.01	.20	.03	.08	.01	.01	.03	.01	.04	.01	. 23	.08	.12	.59	.07					
LENSBORD DAM 45 LENSBORD DAM 45 LEVILLE DESEY LOCK 2 LDIEVILLE WATER WORKS	.02	.01	.01	.01	.05	.15	.05	. 05	.01	. 04	_	_ {		_			.44	.23	.07	_	_	_	_	_
LYERSVILLE WATER WORKS		-		_				.01	.06	.03	_	-	_	_	-	_	_	_	_	_	_	-		_
DMERSET BIWAY DEPT						.02	.03	. 02	.01	.01	.01									.02	.01	.02	.08	.07
ATHAM 5PRING5 OMPKINSVILLE	.01		.01	.01	.01 .03 .01	.01 .02 .06	.08	.07	.03	.04	.02	.01			.01	.24	.01	. 11	.01	.02	.23	,02		
NIONTOWN DAM 49 DLF CREEK DAM DODBURY LOCK 4	.02		.01	.02	.01	.02	.02	.01	.01	.04	.06	.01			.02		.02	.11	.05	.12	. 21	.17		
											_	-19	h-											
ARBOURVILLE WATER WK5 AXTER HARLAN WATER WKS AVELLA	.18	.01																						
AZARD	.13	. 03	.05																					
OREHEAD STA TEACH COL IKEVILLE	.01	.02	.02																					
		.03										-2]	st-											
ALYERSVILLE //	,10						.04	.10	.09	.06	.09	.07	.05	.06	.08	.07	.06	.09	.05	.05	.05		.12	06
ALYERSVILLE // DDISON DAM 45 DOLDHUS 1 N	.10						.03	.17			.08					15					10			.06 .11 .03
DDISON DAM 45 DDLPHUS 1 N ADDOLUDYLLE WATER WAS	.10						.03			02	.08	.11	.13	.13	.21	.08	. 05	.03	.08	.13	.10	.09	.11	
ALYERSVILLE  DDISON DAM 45 DOLPHUS 1 N ARBOURVILLE WATER WKS ARTER HARLAN WATER WKS EREA COLLEGE OULLING GREEN WR AP	.10						.03	.01	.01	02	.18 .13 .05	.08	.13 .20 .12 .08	.10	.21 .07 .03 .05	.11 .15 .08 .03	.04 .05 .05 .07	.04 .05 .07	.05	.05	.10 .10 .04 .06	.09	.11	.03
ALYFRSVILLE  DDISON DAM 45 DOLPHUS 1 N ARBOUNVILLE WATER WKS AATTER HARLAN WATER WKS EREA COLLEGE WB AP ARROLLTON LOCK 1 ARROLLTON LOCK 1	,10				. 02	.02	.03	.01	.01		.08 .18 .13 .05 .03		.13 .20 .12 .08 .07 .06	.13 .17 .10 .03 .04 .06	.14 .21 .07 .03 .05 .08	.08 .03 .05	.05 .05 .07 .01	.05	.04	.04	.10	.09	.11	.03
ALVERSYULLE // DDISON DAM 45 DDJSON DAM 45 DDJPHIS I N ARBOURYILLE WK5 AATER HARLAN WATER WK5 EREA COLLEGE WILING GEEEN WB AP ARROLLION LOCK 1 ARROLLION LOCK 1 CONSTANT INE ONSTANT INE ONSTANT INE ONSTANT INE ORSIN  66	-	-	-	-	.02	.02	.03	.01	.01 .12 .03	.03 .14 .07 .04 .07 .06	.18 .13 .05 .03 .05 .06	.15 .08 .05 .08 .05 .01	.13 .20 .12 .08 .07 .06 .02	.10 .03 .04 .06 .07	.21 .07 .03 .05 .08 .04	.03	.07	.05	.04	.04	.10	.09	.11 .04	- 50
ALTERSYLLES // DDISON DAN 45 DOLPHUS 1 N YATER WES ACTE BARLAN NATER WES REAR COLLEGE OF STREAM	-	-	-	-	.02	.02	.03	.01	.01 .12 .03	.03 .14 .07 .04 .07	.18 .05 .03 .05 .06	.15 .08 .05 .08 .05	.13 .20 .12 .08	.10	.21 .07 .03 .05 .08 .04 -	.03	.07	.07	.04	.03	.10	.08	:	_
ALTERSYLLES // DDISON DAN 45 DOLPHUS 1 N YATER WES ACTE BARLAN NATER WES REAR COLLEGE OF STREAM	-	-	-	-	.02	.02	.03	.01 .10 .08 .08 - *	.01 .12 .03 .05 .04 - *	.03 .14 .07 .04 .07 .06 -	.18 .13 .05 .03 .05 .06 - *	.15 .08 .05 .08 .05 .01 - .27 .01 .08 .11	.13 .20 .12 .08 .07 .06 .02 - * .08 .06 .14	.10 .03 .04 .06 .07 - * .10 .06 .06	.08	.03 .05 .10 * .08 .09 .06	.07 .01 .05 * .04 .03 .02	.05	.04	.03	.10	.08	- * .02	- 50
ALTERSYLLES // DDISON DAN 45 DOLPHUS 1 N YATER WES ACTE BARLAN NATER WES REAR COLLEGE OF STREAM	-	-	-	-	.02	.06	.03	.01 .10 .08 .08 - *	.01 .12 .03 .05 .04 -	.03 .14 .07 .04 .07 .06 -	.18 .13 .05 .03 .05 .06 - *	.15 .08 .05 .01 - .27 .01 .08 .11	.13 .20 .12 .08 .07 .06 .02 - * .08 .06 .14	.10 .03 .04 .06 .07 - * .10 .06 .06 - .07	.08 .04 .12 .08 .06 .02	.03 .05 .10 - * .08 .09 .06 - .01	.07 .01 .05 * .04 .03 .02	.05 .07	.04	.03	.10 .04 .06	.04	- * .02 .02	- .50 .05 .01
ALTERSYLLE  ALTERSYLLE  ALTERSYLLE  ALTER ALTER  ALTER ALTER  ALTER ALTER  ALTER ALTER  AREAL CALLEGE  AREAL CA	-	-	-	-	-	.02	.03 .05 .04 .07 - .04	.01 .10 .08 .08 - * .08 .07 - .04 .09	.01 .12 .03 .05 .04 - *	.03 .14 .07 .04 .07 .06 - *	.18 .13 .05 .03 .05 .06 - *	.15 .08 .05 .05 .01 .27 .01 .08 .11 .01 .15 .03 .05 .13	.13 .20 .12 .08 .07 .06 .02 - * .08 .06 .14 - .02 .03 .06 .03	.10 .03 .04 .06 .07 - * .10 .06 .06 - - .07 .02 .04 .05 .11	.08 .04 - .12 .08 .06 - .02 .02 .05 .08 .10	.03 .05 .10 - * .08 .09 .06 - .01 .04 .09 .02	.07 .01 .05 .04 .03 .02 .08 .03 .04 .03	.05 .07 .31 .01 .06 -	.04	.03	.04	.08	- * .02	- 50
ALTERSYLLES  JOHNSON DAM 45  DOLPHUS 1 N  TO THE	-	-	-	-	.02	.06	.03	.01 .10 .08 .08 - *	.01 .12 .03 .05 .04 -	.03 .14 .07 .04 .07 .06 - .09 .10 - .09 .15 .07 .08 .03	.18 .13 .05 .03 .05 .06 - * .07 .10 .05 .05 .05 .05 .05 .05 .07 .10	.15 .08 .05 .05 .01 .27 .01 .08 .11 .01 .15 .03 .05 .13	.13 .20 .12 .08 .07 .06 .02 - * .08 .06 .14 - .02 .03 .06 .03 .19 .06 .04	.10 .03 .04 .06 .07 - * .10 .06 .06 - .07 .02 .04 .05 .11 .09 .04	.08 .04 - .12 .08 .06 - .02 .02 .05 .08 .10 .07 .06	.03 .05 .10 - * .08 .09 .06 - .01 .04 .09 .02 .07	.07 .01 .05 .04 .03 .02 .08 .03 .04 .03	.05 .07 .31 .01 .06 - .09 .01 .05 .05 .02	.04 .03 .04 .06 .01 .06 .08	.03	.10 .04 .06	.08	.02	.50 .05 .01 -
ALTERSYLLE ALTERSON OF SERVICE STATE OF SERVICE STATE SERVICE STATE SERVICE SE	-	-	03	.01	-	.02	.03 .05 .04 .07 - .04	.01 .10 .08 .08 - * .08 .07 - .04 .09	.01 .12 .03 .05 .04 - * .09 .19 - .05 .15 .03 .06	.03 .14 .07 .04 .07 .06 - * .09 .10 - .09 .15 .07 .08 .03 .01 .07 .08	.18 .13 .05 .03 .05 .06 - * .07 .10 .06 .15 .05 .11 .07 .05	.15 .08 .05 .01 - .27 .01 .08 .11 .01 .15 .03 .05 .13 .05 .13 .05	.13 .20 .08 .07 .06 .02 - .08 .06 .14 - .02 .03 .06 .03 .19 .06 .04 .05 .12 .10	.10 .03 .04 .06 .07 - * .10 .06 .06 - .07 .02 .04 .05 .11 .09 .04	.08 .04 - .12 .08 .06 - .02 .05 .08 .10 .07 .06 .04	.03 .05 .10 - * .08 .09 .06 - .01 .01 .04 .09 .02 .07 .07 .07	.07 .01 .05 .04 .03 .02 .08 .03 .04 .03 .08 .07 .04	.05 .07 .31 .01 .06 - .09 .01 .05 .05 .02 .04	.04 .03 .04 .06 .01 .06 .08	.04 .03 .03 .03 .04 .01 .05 .07	.10 .04 .06 * .04 .07 - .01 .04 .08 .02	.08 .06	.02 .02 .02 -	.50 .05 .01 -
AUTERSVILLE  JUSTISM DAM 45  OLDISON DAM 45  O	-	-	03	.01	.02	.02	.03 .05 .04 .07 - .04 .03 .03	.01 .10 .08 .08 - * .08 .07 - .04 .09 .06	.011.12.03.05.04	.03 .14 .07 .04 .07 .06 - * .09 .10 - .09 .15 .07 .08 .03 .01 .07 .08	.18 .13 .05 .03 .05 .06 - * .07 .10 .05 .05 .05 .05 .05 .05 .05 .05 .05 .0	.15 .08 .05 .01 -27 .01 .08 .11 -01 .15 .03 .05 .03 .05 .13 .05 .03 .05 .04 .04	.13 .20 .08 .07 .06 .02 - .08 .06 .14 - .02 .03 .06 .03 .19 .06 .04 .05 .12 .10	.10 .03 .04 .06 .07 - * .10 .06 .06 - .07 .02 .04 .05 .11 .09 .04 .06 .22	.08 .04 * .12 .08 .06 - .02 .05 .08 .10 .07 .06 .04 .10	.03 .05 .10 .08 .09 .06 - .01 .04 .09 .02 .07 .07 .05 .05	.07 .01 .05 .04 .03 .02 .08 .03 .04 .03 .08 .07 .04	.05 .07 .31 .01 .06 - .09 .01 .05 .05 .02 .04 .01	.04 .03 .04 .06 .01 .06 .08 .01	.04 .03 .03 .03 .04 .01 .05 .07	.10 .04 .06 .04 .07 .01 .04 .08 .02 .03	.08 .06 .04 .04 .09 .06	.02 .02 .02 -	.50 .05 .01 - .10 .06
AUTERSVILLE  JUSTISM DAM 45  OLDISON DAM 45  O	-	-	03	.01	.02	.02	.03 .05 .04 .07 - .04 .03 .03	.01 .10 .08 .08 - * .08 .07 - .04 .09 .06	.01 .12 .03 .05 .04 - * .09 .19 - .05 .15 .03 .06	.03 .14 .07 .04 .06 - * .09 .10 - .09 .15 .07 .08 .03 .01 .07 .08	.18 .13 .05 .03 .05 .06 - * .07 .10 .05 .05 .05 .05 .05 .05 .07 .10	.15 .08 .05 .05 .01 .27 .01 .08 .11 .01 .15 .03 .05 .13	.13 .20 .12 .08 .07 .06 .02 - * .08 .06 .14 - .02 .03 .06 .03 .19 .06 .04	.10 .03 .04 .06 .07 - * .10 .06 .06 - .07 .02 .04 .05 .11 .09 .04 .06 .06	.08 .04 * .12 .08 .06 - .02 .05 .08 .10 .07 .06 .04 .10	.03 .05 .10 - * .08 .09 .06 - .01 .01 .04 .09 .02 .07 .07 .07 .07 .05	.07 .01 .05 .04 .03 .02 .08 .03 .04 .03 .04	.05 .07 .31 .01 .06 - .09 .01 .05 .05 .02 .04 .01	.04 .03 .04 .06 .04 .01 .06 .08 .01	.04 .03 .03 .03 .04 .01 .05 .07 .01	.10 .04 .06 * .04 .07 - .01 .04 .08 .02	.08 .06	.02 .02 .02 -	.50 .05 .01 -
ALTERSYLLE // DDISON DAM 45 DOLIFON DAM 45 DOLIFON DAM 45 DOLIFON STATE WAS READ COLLEGE OF THE STATE WAS READ FOR THE STATE WAS READ COLLEGE OF THE STATE W	-	-	.03	.01	.02	.02	.03 .05 .04 .07 - .04 .03 .03	.01 .10 .08 .08 .07 .04 .09 .06	.01 .12 .03 .05 .04 - .05 .15 .03 .06 .07 .12 .10 .03 .10 .04 .04 .02	.03 .14 .07 .06 .09 .10 .07 .08 .03 .01 .07 .08 .08 .01 .07 .08 .08 .01 .00 .00 .00 .00 .00 .00 .00 .00 .00	.18 .13 .05 .03 .05 .06 .06 .07 .10 .07 .05 .05 .11 .07 .06 .04 .10 .12 .08 .09 .11 .17 -05 .05 .07 .07 .07 .07 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.15 .08 .05 .08 .05 .0106 .0801	.13 .20 .20 .12 .08 .07 .06 .02 - * .08 .06 .04 .05 .09 .06 .04 .05 .12 .10 .03 .19 .06 .04 .05 .09 .07 .07 .07 .07 .07 .07 .07 .07 .07 .07	.10 .03 .04 .06 .07 .06 .06 .07 .02 .04 .05 .11 .06 .22 .05 .13 .06 .08	.08 .04 - .12 .08 .06 - .02 .05 .08 .10 .07 .06 .04 .10	.03 .05 .10 - * .08 .09 .06 .01 .01 .04 .09 .02 .07 .07 .02 .05 .12 .08 .09 .06	.07 .01 .05 .04 .03 .02 - .08 .03 .04 .03 .04 .04 .04 .03 .06 .03 .05	.05 .07 .31 .01 .06 - .09 .01 .05 .05 .02 .04 .01	.04 .03 .04 .06 .01 .05 .03 .06 .04	.04 .03 .03 .03 .04 .01 .05 .07 .01 .02 .02 .04 .04	.10 .04 .06 .04 .07 - .01 .04 .08 .02 .03	.08 .06	.02 .02 .02 -	.50 .05 .01 -
ALTERSYLLE // DISON DAM 45 DOLPHUS 1.N VATER WES REAR COLLEGE OF CHILD OF C	-	-	.03	.01	.02	.02	.03 .05 .04 .07 - * .04 - .06 .03 .07	.01 .10 .08 .08 .07 - .04 .09 .06 .03 .04 .07	.01 .12 .03 .05 .04 - * .09 .19 - .05 .15 .03 .06 .07 .12 .10 .03 .10 .04 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.03 .14 .07 .04 .07 .06 .09 .10 .07 .08 .03 .01 .07 .08 .01 .07 .08 .01 .07 .08 .01 .07 .08 .01 .01 .05 .06 .04 .06 .04 .16 .06 .04 .16 .06	.18 .13 .05 .03 .05 .06 .07 .06 .05 .07 .06 .04 .10 .12 .08 .09 .17 .05 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04	.15 .08 .05 .08 .05 .01 .07 .01 .08 .01 .07 .01 .08 .03 .05 .03 .05 .03 .05 .03 .05 .03 .05 .04 .04 .08 .08 .08 .02 .04 .04 .06 .08 .08 .08 .02 .04 .04 .04 .08 .08 .08 .08 .08 .08 .08 .08 .08 .08	.13 .20 .12 .08 .07 .06 .0208 .06 .1402 .03 .06 .04 .05 .12 .10 .03 .19 .06 .05 .09 .0310 .05 .09 .06 .05 .09 .05 .05 .08 .05 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .08 .05 .08 .05 .08 .08 .05 .08 .08 .05 .08 .08 .05 .08 .08 .05 .08 .08 .08 .08 .08 .08 .08 .08 .08 .08	.10 .03 .04 .06 .07 - * .10 .06 .06 .05 .04 .05 .11 .09 .04 .06 .22 .05 .13 .06 .08 .08 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.08	.03 .05 .10 .08 .08 .09 .06 .01 .01 .04 .09 .02 .07 .07 .05 .05 .12 .08 .10 .05 .09 .05	.07 .01 .05 .04 .03 .02 - .08 .03 .04 .03 .04 .04 .03 .06 .03 .04 .04	.05 .07 .01 .06 .09 .01 .05 .02 .04 .01 .07 .05 .04	.04 .03 .04 .06 .01 .05 .03 .03 .04 .04 .09	.04 .03 .03 .03 .04 .01 .05 .07 .01 .02 .04 .04 .03 .06	.10 .04 .06 .04 .07 - .01 .04 .08 .02 .03 .03 .03	.08 .06	.02 .02 .02 -	.50 .05 .01 .10 .06
ALTERSYLLE  ALTERSYLLE  ALTERSACE  DOLING A 45  DOLING A 45  DOLING A 45  DOLING A 45  ACTER HARLAN WATER WES  EREA COLLEGE  DVILING CRESS WB AP  EREA COLLEGE  DVILING CRESS WB AP  ACTER HARLAN WATER WES  EREA COLLEGE  BETRAL CIT 1 E  LINTON  BOWLING A 50  ACTER A 50  A	-		.03	.01	.02	.02	.03 .05 .04 .07 - .04 .03 .03	.01 .10 .08 .08 .07 .04 .09 .06	.01 .12 .03 .05 .04 .09 .19 .05 .15 .03 .06 .07 .12 .10 .03 .10 .04 .02	.03 .14 .07 .06 .09 .10 .07 .08 .03 .01 .05 .06 .17 .05 .08 .06 .04 .06 .06 .04 .06 .06 .04 .06 .06 .04 .06 .06 .06 .06 .06 .06 .06 .06 .06 .06	.18 .13 .05 .03 .05 .06 .06 .07 .10 .06 .15 .05 .11 .07 .05 .07 .05 .07 .05 .07 .05 .07 .08 .09 .04 .10 .06 .04 .10 .06 .06 .04 .10 .06 .06 .06 .06 .06 .06 .06 .06 .06 .0	.15 .08 .08 .05 .08 .05 .01 .07 .01 .08 .11 .03 .05 .03 .05 .03 .05 .03 .04 .04 .04 .08 .08 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.13 .20 .12 .08 .07 .06 .0208 .06 .1402 .03 .06 .04 .05 .12 .10 .03 .19 .06 .05 .09 .0310 .05 .09 .06 .05 .09 .05 .05 .08 .05 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .08 .05 .08 .05 .08 .08 .05 .08 .08 .05 .08 .08 .05 .08 .08 .05 .08 .08 .08 .08 .08 .08 .08 .08 .08 .08	.10 .03 .04 .06 .07 - * .10 .06 .06 .07 .05 .11 .09 .04 .06 .22 .05 .13 .06 .08 .08 .08 .08 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.08 .04 .12 .08 .06 .06 .02 .02 .05 .08 .10 .07 .06 .04 .10 .05 .15 .05 .07 .08 .08 .07 .08 .08 .08 .08 .08 .08 .08 .08 .08 .08	.03 .05 .10 .08 .08 .09 .06 .01 .01 .04 .09 .02 .07 .07 .05 .05 .12 .08 .10 .05 .09 .05	.07 .01 .05 .04 .03 .02 - .08 .03 .04 .03 .04 .04 .03 .06 .03 .04 .04	.05 .07 .01 .06 .09 .01 .05 .05 .05 .05 .05 .04 .01 .01 .01 .02 .04 .01 .01 .04 .01	.04 .03 .04 .06 - .04 .01 .05 .03 .06 .04 .05 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.04 .03 .03 .03 .04 .01 .05 .07 .01 .02 .04 .04 .03 .06	.10 .04 .06 .04 .07 - .01 .04 .08 .02 .03 .03 .03	.08 .06 .04 .04 .09 .06 .02 .02 .05 .06 .07	.02 .02 .07 .07 .01 .02 .02 .04	.50 .05 .01 .10 .06 .14
LYTERSYLLE  JUSISON DAM 45  OLDISON DAM 45  LYTER BARLAN WATER WES  REAL COLLEGE  FREE COLLEGE  OLDISON DAM 50  RANKLIN WATER WES  FREE COLLEGE  ANGELIA  MORNATON DAM 50  RANKLIN WATER WATER  ANGELIA  ANGELIA  ANGELIA  ANGELIA  LORDISON DAM 50  RANKLIN WATER WORKS  SET LOCK 3  EDIELBERG LOCK 14  ANGELIA  ANGELIA  ANGELIA  ANGELIA  ANGELIA  LOCK 15  LO	-	-	.03	.01	.02	.02	.03 .05 .04 .07 - * .04 - .06 .03 .07	.01 .10 .08 .08 .07 - .04 .09 .06 .03 .04 .07	.01 .12 .03 .05 .04 - * .09 .19 - .05 .15 .03 .06 .07 .12 .10 .03 .10 .04 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.03 .14 .07 .04 .07 .08 .09 .01 .07 .08 .01 .07 .08 .01 .05 .08 .01 .05 .08 .04 .06 .04 .16 .01	.18	.15 .08 .05 .08 .05 .01 .01 .08 .11 .15 .03 .05 .13 .05 .13 .05 .13 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04	.13 .20 .12 .08 .07 .06 .0208 .06 .1402 .03 .06 .04 .05 .12 .10 .03 .19 .06 .05 .09 .0310 .05 .09 .06 .05 .09 .05 .05 .08 .05 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .08 .05 .08 .05 .08 .08 .05 .08 .08 .05 .08 .08 .05 .08 .08 .05 .08 .08 .08 .08 .08 .08 .08 .08 .08 .08	.10 .03 .04 .06 .07 - * .10 .06 .06 .07 .02 .04 .06 .05 .11 .09 .04 .06 .08 .08 .08 .08 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.08 .04 .12 .08 .06 .02 .05 .08 .10 .07 .06 .04 .10 .05 .15 .08 .11 .06 .04 .06 .06 .04 .06 .06 .06 .06 .06 .06 .06 .06 .06 .06	.03 .05 .10 .08 .09 .06 .01 .01 .01 .09 .02 .07 .07 .05 .05 .02 .05 .05 .02 .04 .05 .04 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.07 .01 .05 .04 .03 .02 - .08 .03 .04 .03 .04 .03 .04 .03 .05 .07 .04 .03 .05 .07 .04 .03 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.05 .07 .01 .06 .09 .01 .05 .05 .05 .05 .04 .01 .07 .05 .04 .01	.04 .03 .04 .06 .06 .08 .01 .05 .03 .06 .04 .04 .09	.04 .03 .03 .03 .04 .01 .05 .07 .01 .02 .02 .04 .03 .06 .03	.10 .04 .05 .04 .07 - .01 .04 .08 .02 .03 .03 .03 .03 .03 .03 .03 .03	.08 .06 .04 .04 .02 .02 .05 .06 .06 .07 .07	.02 .09 .07 .07 .01 .02 .02 .04 .07	.50 .05 .01 .10 .06 .14
ALTERSYLLE // DOISON DAM 46  OOLISON DAM 46  OOLISON DAM 46  OOLISON DAM 46  OOLISON DAM 46  ATTER HARLAM WATER WES  ERRH COLLEGE  OF THE COLLEGE  OF THE COLLEGE  ON SONTANTINE  6  AVELLA  AVELLA  AVELLA  AVELLA  AVELLA  OOSTANTINE  6  AVELLA  AVELLA  AVELLA  AVELLA  OOSTANTINE  100000000000000000000000000000000000	-	-	.03	.01	.02	.06	.03 .05 .04 .070403 .07 .0602	.01 .10 .08 .08 .07 .04 .09 .06 .03 .04 .07 .01 .02	.01 .12 .03 .05 .04 .09 .15 .03 .06 .07 .12 .10 .03 .10 .04 .07 .12 .05 .15 .03 .06	.03 .14 .07 .04 .07 .08 .03 .01 .02 .06 .17 .11 .05 .08 .04 .06 .01 .01 .01 .01 .07	.18 .13 .05 .03 .05 .06 .07 .10 .06 .15 .07 .06 .07 .07 .06 .07 .07 .06 .04 .04 .04 .05 .06 .04 .06 .06 .06 .06 .06 .06 .06 .06 .06 .06	.15	.13 .20 .12 .08 .07 .06 .0208 .06 .1402 .03 .06 .04 .05 .12 .10 .03 .19 .06 .05 .09 .0310 .05 .09 .06 .05 .09 .05 .05 .08 .05 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .05 .08 .08 .05 .08 .05 .08 .08 .05 .08 .08 .05 .08 .08 .05 .08 .08 .05 .08 .08 .08 .08 .08 .08 .08 .08 .08 .08	.10 .03 .04 .06 .07 .06 .06 .07 .02 .04 .05 .11 .09 .04 .05 .22 .05 .08 .08 .08 .08 .08 .08 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.08 .04 .12 .08 .06 .02 .05 .08 .10 .07 .06 .04 .10 .05 .15 .08 .11 .06 .04 .06 .06 .04 .06 .06 .06 .06 .06 .06 .06 .06 .06 .06	.03 .05 .10 .08 .09 .06 .01 .01 .01 .04 .09 .02 .07 .07 .07 .02 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.07 .01 .05 .04 .03 .02 - .08 .03 .04 .03 .04 .04 .03 .06 .03 .04 .04	.05 .07 .31 .01 .06 .09 .01 .05 .02 .04 .01 .05 .02 .04 .01 .05 .04 .01 .05 .04 .01 .05 .04 .01 .05 .06 .06 .06 .06 .07 .07 .07 .07 .07 .07 .07 .07 .07 .07	.04 .03 .04 .04 .06 .01 .05 .03 .06 .04 .04 .09 .05 .02	.04 .03 .03 .03 .04 .01 .05 .07 .01 .02 .04 .03 .06 .03 .01	.10 .04 .06 .07 .01 .04 .08 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.08 .06 .04 .04 .02 .02 .05 .06 .07 .07 .02	.02 .02 .02 .07 .07 .07 .01 .02 .02 .04 .07	.500 .015 .011 .106 .144 .011 .022 .066
ALTERSYLLE // DOLSON DAM 45 DOLPHUS 1 N YATER WES REAR COLLEGE OF DWILING CRESS WE AP DWILING CRESS WE AP DWILING CRESS WE AP DWILING CRESS WE AP ENTRAL CITY 1 E LINTON ONSTANTINE 6 AVELLA AV	-	-	.03	.01	.02	.06	.03 .05 .04 .07 - .04 - .11 .06 .03 .07	.01 .10 .08 .08 .08 - .04 .09 .06 .03 .04 .07 .01 .02	.01 .12 .03 .05 .04 -* .09 .19 05 .15 .03 .06 .07 .12 .03 .10 .04 .03 .05 .04 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.03 .14 .4 .07 .04 .07 .0609 .15 .07 .08 .01 .07 .08 .01 .07 .08 .01 .07 .08 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.18	.15	.13 .20 .20 .12 .08 .07 .06 .02 - * .08 .06 .04 .05 .09 .06 .04 .05 .12 .10 .03 .19 .06 .04 .05 .09 .07 .07 .07 .07 .07 .07 .07 .07 .07 .07	.10 .03 .04 .06 .07 - * .10 .06 .06 .07 .02 .04 .06 .05 .11 .09 .04 .06 .08 .08 .08 .08 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.08 .04 .12 .08 .06 .06 .02 .02 .05 .08 .10 .07 .06 .04 .10 .05 .15 .05 .07 .08 .08 .07 .08 .08 .08 .08 .08 .08 .08 .08 .08 .08	.03 .05 .10 .08 .09 .06 .09 .01 .01 .01 .01 .02 .07 .07 .07 .07 .07 .07 .07 .07 .07 .07	.07 .01 .05 .04 .03 .0208 .03 .04 .04 .04 .04 .03 .05 .0702020204 .04 .04 .03 .05 .070202 .02 .02 .04 .07 .01 .08 .06 .06 .06 .06 .06 .06	.05 .07 .01 .06 .09 .01 .05 .05 .05 .05 .04 .01 .07 .05 .04 .01	.04 .03 .04 .06 .06 .08 .01 .05 .03 .06 .04 .04 .09	.04 .03 .03 .03 .04 .01 .05 .07 .01 .02 .02 .04 .03 .06 .03	.10 .04 .05 .04 .07 - .01 .04 .08 .02 .03 .03 .03 .03 .03 .03 .03 .03	.08 .06 .04 .04 .02 .02 .05 .06 .06 .07 .07	.02 .09 .07 .07 .01 .02 .02 .04 .07	.50 .05 .01 .10 .06 .14
ALVERSULLE // DDISON DAM 45 DDISON DAM 45 DDISON DAM 45 DDISON DAM 46 ADDOLVA VILLA VATER WES REAR COLLEGE OF THE CONTROL ON THE CONTROL OF THE CONTROL ON T	-	-	.03	.01	.02	.06	.03 .05 .04 .070403 .07 .0602 .11 .05 .05	.01 .10 .08 .08 .07 04 .09 .06 .03 .04 .07 .01 .02 .01 .02 .01 .06 .09	.011 .122 .033 .055 .044 	.03 .14 .07 .04 .07 .08 .03 .01 .02 .06 .17 .11 .05 .08 .04 .06 .01 .01 .01 .01 .07	.18 .13 .05 .03 .05 .06 .07 .10 .06 .15 .07 .06 .07 .07 .06 .07 .07 .06 .04 .04 .04 .05 .06 .04 .06 .06 .06 .06 .06 .06 .06 .06 .06 .06	.15	.13 .20 .12 .08 .07 .06 .0208 .08 .06 .03 .1402 .03 .04 .05 .12 .05 .09 .03 .05 .08 .06 .06 .06 .06 .07 .07 .07	.10 .04 .06 .07 - .06 .06 .06 .06 .06 .06 .06 .06 .01 .09 .04 .04 .06 .08 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.08 .04 .12 .08 .06 .06 .06 .06 .06 .07 .07 .08 .07 .07 .08 .09 .02 .11 .07 .10 .08	.03 .05 .08 .08 .09 .06 .01 .01 .01 .04 .09 .02 .07 .07 .02 .05 .12 .08 .10 .05 .05 .05 .06 .06 .06 .07 .07 .07 .07 .07 .07 .07 .07 .07 .07	.07 .01 .05 .05 .07 .01 .03 .02 .02 .02 .04 .03 .08 .07 .04 .04 .04 .04 .04 .05 .07 .01 .08 .06 .06 .06 .06 .06 .06 .06 .06 .06 .06	.05 .07 .31 .01 .06 .09 .01 .05 .02 .04 .01 .05 .02 .04 .01 .05 .04 .01 .05 .04 .01 .05 .04 .01 .05 .06 .06 .06 .06 .07 .07 .07 .07 .07 .07 .07 .07 .07 .07	.04 .03 .04 .04 .06 .01 .05 .03 .06 .04 .04 .09 .05 .02	.04 .03 .03 .03 .04 .01 .05 .07 .01 .02 .04 .03 .06 .03 .01	.10 .04 .06 .07 .01 .04 .08 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.08 .06 .04 .04 .02 .02 .05 .06 .07 .07 .02	.02 .02 .02 .07 .07 .07 .01 .02 .02 .04 .07	.500 .015 .011 .106 .144 .011 .022 .066

KENTUCKY JANUARY 1949

						A	м Но	ur enc	iing									Р	м Но	ur end:	ing					14
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
TATHAN SPRINGS TOMPKINSVILLE UNIONTOWN DAW 49 WOLF CREEK DAM WOODBURY LOCK 4								.02	.04	.07	.07 .15 .17 .15	.06 .13 .04 .13	.04 .10 .01 .18	.08 .11 .04 .14	.08 .C7 .04 .15	.07 .02 .01 .13.	.02 .07	.03	.03 .08 .07	.02	.09	.03	.01	.01		57 I.14 55 I.50
ADOLPHUS I N BARBOURVILLE WATER WKS BAXTER HARLAN WATER WKS BOWLING GREEN WE AP		.09	.01	.05				.02					-27	2d-												.01 .17 .23
CORBIN DAVELLA DUNDEE BARRETTS FORD BR EDMONTON	6	.07	.05	.02		.01	.08	•	.03	٠	٠	٠	.02			.02			.01							. 21
HAZARD HEIDELBERG LOCK 14 JENKINS WATER WORKS LEXINGTON WE AIRPORT		.07 .03 .11	.01	.01	.02	. 05	.01																			.01 .02 .10 .03 .32 .01
LIBERTY LOG LICK 1 S LONDON POST OFFICE LOUISA LOCK 3	//	.02	.01	.01		_	-	_	_		1	_														.03
LUCAS MOREHEAD STA TEACH COL OLIVE HILL PIREVILLE		.01	.01 .01	.01	.01	.01	.01	.01		.01																.04 .03 .01 .25
SALYERSVILLE SOMERSET HIWAY DEPT STEARNS TATHAM SPRINGS	11	.06 .01 .06	.02 .01 .01	.01	.01				.01							.01					. 01					.09 .06 .07
TOMPKINSVILLE WOLF CREEK DAM WOODBURY LOCK 4		.01	.02		.01	.01	.01	.01					-23	-1												.06 .07 .04 .02 .05
ADDISON DAM 45 ADOLPHUS 1 N BARBOURVILLE WATER WES	//						.01	. 02	.01	.16	.14	.15	.16	.04					.05	.13	.15	. 26	.07	.02	. 04	1.37 .04 .15
BAXTER HARLAN WATER WES BEREA COLLEGE BOWLING GREEN WB AP CARROLLITON LOCK 1	//			.01				.02 .01	.03 .01 .01	.04	.01	.03 .05 .01	. 02	.11	.01	.06			. 09	.04	.07	.15	.08	.07	. 01	.09 .15 .06 .81
DAVELLA	6						.05	.04	.23 .15 *	.20	.01	.06	.18	.08		.01	. 02	.05	.06	.05	.10	.01	.05		. 01	.48
DUMDEE BARRETTS FORD BR EDMONTON FLEMINGSBURG POST OFF FORDS & FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 BALEYS MILL								.02	.02	.36	.05	.01	.02	.03		.02		.03	.01	.01	.04	.06	.04	.05 .01 .05	.14	1.27 .10 .44 .74
FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL HAZARD HEIDELBERG LOCK 14	"						.02	.01	. 33	.02	.03	.03 .06 .06 .01	.12	.05	. 04	.01			.04	.03	.03	.09	.13	.08	.04	.89
HERNDON HODGENVILLE NAT PARE HENTUCKY DAM LEXINGTON WE AIRPORT	"						.19	.16	.01 .01 .07	.02 .05	.05 .11 .02	.01	.04	.02	.03	.01			.01	.02	.01 .02 .20	. 09	.03	,06	.01	.14 .51 .28
LIBERTY	"									.03	.02 .05 .02	.02 .07	.01	.02 .05 .02	.01		.01						.05	.03	.08	.34 .10 .13 .16 .25
LITTLE HICKMAN LOCK 8 LOG LICK 1 S LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN WE AP LOUISVILLE STAN WE AP LOUISVILLE STAN WE AP										.01	.10	.19	.02 .11 .11	.07 .06 .06	.02 .05 .05	.02	.02	.01	.01 .02 .03	.03	.05	.10 .12 .08	.11	.03	.01	.16
MC KINNEYSBURG MILLERSBURG	//							.03	.04	.01	.01	.05	.05	.06 .01	.06	.12	. 03	.01	.03	.01	.07	.04	.03	.15	.06	.83 .08 .63 .26
MOREHEAD STA TEACH COL MUNFORDVILLE OLIVE HILL OWENSBORO DAM 46 PADUCAH SCS NURSERY							.03	.02	.01	.01 .01 .09	.11	.01	.06	.02	.01	.01 .04 .01	.01	.06	.07	.01 .15	.03 .43 .04	.01 .04	.03	.09	.25 .07	.09 .55 1,13
PIKEVILLE RUMSEY LOCK 2 SADIEVILLE WATER WORKS SALYERSVILLE	//	-	-	-	-	-	-	_	.17	.08	.02	- 03	.04	.02	-	.03	.01	.00	.03	.06	.06	.08	.04	.03	.05	.08
SMITHFIELD 4 S SOMERSET HIWAY DEPT STEARNS TATHAM SPRINGS TOMPEUNSVILLE			-	.01	.01	-	.01	.01	.03	.05	.05 .06	.01	.01	.03	.01	.01	.01	-	.01	-	-	01	.02	. 02	01	.17
TOMPRINSVILLE UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4	//						.06	.01 .03 .02	.03 .04 .36	.05	.16 .01	.01	.01			.01	.06	.14	.10	.13	.09	.02	.10	.02		.35 .07 .83 .11
ADDISON DAM 45 BOWLING GREEN WB AP	11	.03	. 09		.01	.02	. 04	.01	.01	.03	.04	.03	-24	th-	.06	.02	.04	.01	.03	.03	.14	.13	.02	.02	.01	.78
CARROLLTON LOCK 1 CENTRAL CITY 1 E CLINTON DAYELLA DUNDEE BARRETTS FORD BR	"	.01	. 01	.01	.02	.13	.31	.16 .05 .03	.02 .03 .02	.03 .01	.19 .01 .26	.05	.03	.61	.07	. 05	.01	.17	.25	.02	.03	.03	.06	.03	. 01	1.02 1.26 1.34 .06
EDMONTON FLEWINGSBURG POST OFF FORDS & FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3		.01	.02	.03	.08	.04	.10	.08	.02	.12	.16	.10	.01	.08	.03	.04	.03	.07 .01 .07	.06	.07	.10	.02	.03	.01	.07	1.36 .02 .78 2.68
HALEYS MILL HERNDON HODGENVILLE NAT DADE		.02	.03		.02	.01	.02	.09	. 15	.02	0.0			.02	.01	.01		.12	.19	.17	.06 .11 .15	.10	.10	.08	.01	.02 .75 .90 .28
RENTUCKY DAM LEXINGTON WB AIRPORT LIBERTY LITTLE HICKMAN LOCK 8 LOG LICK 1 S	"	.01			.24	. 50	.03	.01	.06	.01	.06	.01	.01 .12 .01	.01 .20 .04	.01	.03	.02	.11	.01 .20 .01	.06		.06	.09	.05	.05 .10 .04 .09	.64 2.25 .60 .04
LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN WB AP	11	.03	.06	.02	.01	-	.10	.05	.02	-	-	-	01	-	02	.02	.01	01	-	.02	.07	.02	.07	.05	.09	.05
LUCAS WB CITY		.04	.01	.01		.01	.10	.17	.02				.01		.02	.02		.01		.03	.10	.17	.12	.02	.01	.77 .79 .01

KENTUCKY JANUARY 1949

Table 4-Continued					1	101	וחנ	_I .	rn.	CCI	FII	AII	IOI	4									JA	TUARY	1949
					A. M	i. Hou	endir	ıg									P. M	l. Hou	r endi	ng					-
Station		. 1	-		5	6	7	8	9	10	11	12	,	2	3	4	5	6	7	8	9	10	11	12	Total
	1	2	3	4	5	6	1	8	9	10	11	12	1	2	3	*	3			•	9	10	11	12	
MAYSVILLE DAM 33 // MC KINNEYSBURG //	.02	-	-	.01	-	.01	.05	.37	.24	.14	.02	.01	. 01	.01	.01		.02	. 05	-	-	.02	.01	.03	. 05	1.01
MILLERSBURG MOREHEAD STA TEACH COL MUNFORDVILLE	. 01	.03						.08						.04		.03		. 05	.01	. 01	.02	.10	.05	.08	.55 .19 .52 .32
MUNFORDVILLE OLIVE HILL OWENSBORO DAM 46	.01 .01 .02	.01 .01	.02		.01		.07	.18	.12					.01	.02		.01					.03	.03 .10 .05 .01 .15	.05	.32
OWENSBORO DAM 46 PADUCAH 5C5 NURSERY	.02	.01	.01	.11 .20 .02	.22	.19	.03	.07 .08 .25	.18 .44 .26	.08	.01 .68 .06	. 52	.10 .47 .23	.06 .36 .10	.06	.07	.01	.06	.08 .02 .08	.10	.01	.01			3.75 1.83
PADUCAH 5C5 NURSERY RUMSEY LOCK 2 SADIEVILLE WATER WORKS					.03		.03	.25	.26	.16	.06	.10	.01	.10	.02	.12	.06	.04	.08	. 02	.12	.11	.01	.10	
5ALYERSVILLE TATHAM SPRINGS	.01	.01	.01	. 01		.02	.01	.01		. 01			.02	.02	.01	.04	.01		.04	.02	.03	.17	.11	.10	.03 .63 .06 1.66
TOMPKIN5VILLE UNIONTOWN DAM 49 WOODBURY LOCK 4	.01	.01	.02	.10	.02	.09	.07	.21	.11	. 05	.04	.14	.17	.18	.06	.03	.08	.09	.04	.06	.03	.03			1.66
WOODBURY LOCK &							.07	.12	.01	. 02	_	-25	+h_		.01			.01	.15	.14	.05	.01			. 59
ADDISON DAM 45 // ADOLPHU5 1 N //					.01	.02	.01	.02	.01	.01	.01	.05	.02	.01	. 01				.01	.06	.06	.03	.02	.04	.32
BARBOURVILLE WATER WKS							.01	.01			.06	.05	.02	.04	.01		.02	.03	.01		.01	.01		.02	.04
HAXTER BARLAN WATER WKS BEREA COLLEGE BOWLING GREEN WB AP	. 02	. 07	.01					.03				. 01	.01	.01	.01	, 01	.03	. 03	.01	.01	.01	.01	.01	.01 .17 .04	.25
CARROLLTON LOCK 1 //	.02	. 01	.01		.01	.03	.02	. 02	.01			.01	.01			.01	.02	.01	.02	01	. 03	02	.03	.04	.32 .22 .04 .04 .25 .41 .15 .47
CENTRAL CITY 1 E CLINTON	.01	.02	.03	.01		. 03	.02	.05	.05				.01		.03	.01	.02	.01	.04	.04	.01	.02	.14	.13	.58
DAVELLA		. 02			.04	. 02	.03	.04	.01	.01			.01	.01	.01	. 01	.01	.10	.07	.05	.04	.02	.03	.12	.21
DUNDEE BARRETTS FORD BR EDMONTON FLEMINGSBURG POST OFF	.02	.01		01		.02	.03	.01	.02	.01	.01	.02	.01	.02	.02	. 01			04	.02	.01	.05	.02	.02	.17
FORDS & FERRY DAM 50	.10	.05	.01	.01	.03	.03	.01	.01	.02	.01	. 05	. 04	.04	.01			.02	.13	.02	.01	.03		.01	.08	.48
FORDS & FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 BALEYS WILL BAZARD	.02	.01	.01	.01	.01	.01	.02	.01	. 01	, 03				.01		.01	.03	04	01	.02	.03	.03	.04	.04	.22
	.01		.01			.02	.03										.03	.04		01		.01		1	.25
HERNDON BODGENVILLE NAT PARK	.02			.02	.04	.01		.02	.01 .02 .01		.01	. 03			.01	.06	.08	. 04	.02	.02	.13	.02	.07		.21 .42 .17 .35 .48 .38 .22 .55 .25 .25 .25 .23 .07 .48 .29 .12 .22 .25
JENKINS WATER WORKS KENTUCKY DAM					. 03	.01	.02	.05		.01					.01	.02	.04	.01	.05	.04	.03	.01 .01	.01	.02	.48
	.06	.04	.01				.03		.01							.02	.01	. 01	.04		.02		.05		.12
LIBERTY LITTLE HICKMAN LOCK 8 //	.06	.01	.01										.01	.01	.01		.01	.06	.02		.02	.01	.02		.25
LOG LICK 1 5 // LONDON POST OFFICE LOUISVILLE BOWMAN FLD LOUISVILLE STAN WB AP LOUISVILLE WB CITY	.03	. 01	.01					.02				*	*	*	*	*	*	•		.02	. 04	.07	. 04	.01	.25
LOUISVILLE STAN WB AP	.02		.01				.01	.01		.01		.01							.01	. 03	.04	.07	.03		.25 .27 .15 .32
LUCAS							.02	.01		.01	.01	.02	.02	.01	.02				.06	.01	٠	* ,02		.02	
MC KINNEYSBURG //	0.7	.01	.02														.01	. 02	.03	02	.04	.03	. 04	.04	.32
MOREHEAD STA TEACB COL OLIVE BILL	.07	.09	.04	.04	.01												.01	.01	.03	.04	.01	.02	.02	.03	.37
OWENSBORO DAM 46 PADUCAH 5CS NURSERY			.01			.03	.02	.01	.01	.02	.01		.01			.01	.03	,06	.07	.05		.20	.08	.10	.53
PIKEVILLE RUMSEY LOCK 2 SADIEVILLE WATER WORKS	.01		. 01	.01	.02	.02	.05	.02		.02					.01	. 01	.01	. 01	.08	.05	.18 .04 .03		.01	.11	.23 .32 .40 .37 .33 .53 .50 .49 .29 .05 .01 .12 .41 .26 .35
5ALYERSVILLE //	.02		.02	.01	.05	. 01	.01					. 01			.01	.01	.01	.01		.02	.05	.03	.06		.22
SOMERSET HIWAY DEPT STEARNS				.01	.01		.01	.02		.01	.01			01	.01	.07	.02	.02	.01	. 01	.02	.05	.01		.05
TATHAM 5PRINGS TOMPKINSVILLE IIN IONTOWN DAM 49	. 03			.01	.01	.04		.02	. 03	.02	.01	. 05		.01	.02		.01	.07	.05		.01		.08	. 03	.12
UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4	.02	. 01	.03	.01	.01	.03	.02		.01			. 05	.05	.01	.06	.03		.03	.06		.02		.07	.06	.26
WOODBURY LOCK 4	.02					.03			, 02			-26	oth-	-											
ADDISON DAM 45	.12	.08	.03	. 01	. 01	. 01		.02	.05	.20	07			.01			. 01						.03	.01	.24
ADOLPHUS 1 N BARBOURVILLE WATER WK5 BAXTER HARLAN WATER WKS	.02	.01	.03		.01	.01		.02	.00	.02 .06 .01	.07 .04 .01	.03	.02	.08	.02	.02	.01 .03	.01	.01	.01	.02	.09	.08	.01	.45
BEREA COLLEGE BOWLING GREEN WB AP	.01		.01		.01			.01	.01	.01	.03												.07		.08
CARROLLTON LOCK 1 //	.02	.09	.08	.07	.05				.04													.01	. 04	. 02	.50 .45 .49 .08 .21 .31 .25
	.07			.01			.02	*			*	.07						.13			.03	.02	.02	.07	
DAVELLA	.13	.04	.01					.05	.01		.02				.03	.02					. 01	.01	.01	.02	.08 .29 .48 .58
EDMONTON PLEMINGSBURG POST OFF	.01	.02	.05	.04	.01	.02	.02	.03	.04	,06	.06	.02							.05		.01	.01			.58
FORDS & FERRY DAM 50 FRANKLIN WATER WORKS	.03	.02		.01			.01							*				*					.01	.01	
GEST LOCK 3 HALEYS WILL HAZARD	.03	.02	.19	.07	.05	. 02	.02	.03								. 04					.01	.06	.01	. 01	.33
HEIDELBERG LOCK 14	/		.01	.01		.01	.01	.01	.01		.02	.02	.01	.01	.01	.04		. 01			.02			.01	.07
BERNDON BODGENVILLE NAT PARK	.13	.03	.01		.01		.12	. 05	. 02	.02					.01	.02	.02	. 01	.05	.01	.02				.21
JENKINS WATER WORKS KENTUCKY DAM							00					.01	.01		.01	.02	.02		.05	01	.02	.06	.02	.01	.38 .33 .14 .07 .24 .21 .13 .11 .47 .15
LEXINGTON WE AIRPORT LIBERTY LITTLE RICKMAN LOCK 8	.04	.03	.19	.16	.05	.02	.02	.02		.03	.02														.15
LITTLE RICKMAN LOCK 8 //	.02	.09	.02	.02	.02				.01																.15
LONDON POST OFFICE LOUISVILLE BOWMAN FLD	. 05	.12	.18	.02	•	•	1	. 02	.02	.01	Ť		1												.41
LOG LICK 1 S // LOYDON POST OFFICE LOUISVILLE BOWMAN FLD LOUISVILLE STAN WB AP LOUISVILLE WB CITY	.03	.15	.07	.02			.01	.02			.04	.01						.12	2			.01	.14	.03	.41 .37 .26 .60
LUCA8 MAYSVILLE DAM 33 MC KINNEYSBURG //	/ -		-	- 00	12	-	- 01	.02	-	- 13	.01	-	-	-	-	-	-	-	-	-	-	-	-	-	
	.08	.03	.01	.08	.12	.06		.01	. 05		.01	,02													.50
MOREHEAD STA TEACH COL MUNFORDVILLE		0.3	.02	.08	.13	.01	. 01	.03	.02	. 01		.02	.01	.01		1	.01		.01			.01	.03	.01	.14
OLIVE HILL OWENSBORO DAM 46 PADUCAH SCS NURSERY	.07	.03	.02	.08	.19	.08	.01	.01	. 01												. 02		.04	.05	.15
PADUCAH SCS NURSERY PIKEVILLE RUMSEY LOCK 2	.02	02		.01						.01			. 01	.01			. 03			. 01					.40 .50 .39 .14 .40 .15 .13 .06 .18
SADIEVILLE WATER WORKS	.08		.07	.17	.07	. 01																			. 40
	1						1	- 6																	

Station						A. 1	M Ho	ur endi	ing		-							P. 1	M H	ur end	ding					Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	T
SALYERSVILLE	11	.01						.01	.03		. 03			.03	.01	.03										
SOMERSET BIWAY DEPT TEARNS								10.	.01	.01	.02	.02	.07	.02	,16	.02		.03	. 01	.01				.01		
ATHAM SPRINGS OMPKINSVILLE		.02	.16	.15	.06	.03	.01		.01	.01	.04				.10	.02		.03						.01		
NIONTOWN DAM 49 DLF CREEK DAM		.08	.04	.04	.02				.01	.03		. 13	.06						. 02				.03		. 01	
ODDERY LOCK 4		.04	.01			.01		.01	.01	.01	.01	. 11	.18	.07		.01				.05	.08			.04	.02	
DISON DAM 45 OLPHUS 1 N RBOURVILLE WATER WKS KXTER HARLAN WATER WKS RBA COLLEGE					. 05	.04	.13	.05	.03	.21	.14	.07	-27	th .30	. 24	.04		.01	. 05	.01		.03				1.
OLPHUS 1 N IRBOURVILLE WATER WKS	- //	.02	.01	.03	.07	.23	.13	.05		.01	.07	.02				.01	.01	.01	. 02		.16	.09		.01	.01	
XTER HARLAN WATER WES		.01	. 01		.02	.09			.01	.01	.05	.02	.01	.01	.01					. 01	.03	.05	.01	.02	.04	
WLING GREEN WB AP RROLLTON LOCK 1	11		.01	.01	.01	.02	.02	.08	.01	.08	.04	.02	.02	.13	.14	.07	. 03	.03	. 02	. 02	.06	.01				
NTRAL CITY 1 E INTON	- '	.01	.04	.05	.05	.03	.02	.26	.05	.09	.02	.08	.13	.03	.02	.06	.03	.05	.01			.01				1
NSTANTINE RRIN	6	-	-	- 1	-	-	.05	-	-	-		-	.06	-	-	-	-	-	-03	-	-	-	-	-	- 19	
VELLA NDEE BARRETTS FORD BR	Ů	.04	.02	٠	.12	.05	.01	.03	.27	.02	.04	.16	.30	.01	.02	.05	Ĭ	٠		.02		.10	.13	•	.19	
MONTON EMINGSBURG POST OFF		.04	.02	.03	.01	.01	.09	.15	0.8	.02	0.3	.02		,09	.01	.01	.01	.06	.01	.01	.11	.04		.01		1.
RDS & FERRY DAM 50 ANKLIN WATER WORKS		.04	.09	.01	.01		.01	.02	.05	.02	.03	.01	.01	.03	.08	. 23	.05		.20	,					. 09	
		•	.01	•	.01	.01	.04	.03	.02	.05	.06	.17	.26	.10	.11	.05	.03	۰	.03	.02	1.25		.01			1
LEYS MILL ZARD	//	.01	.01	.01	.01	.03	. 03	.23	.12	.05	.07	.08	.08	.01	.01	- 1	.11	.01		.10	.15		.01		.01	1
IDELBERG LOCK 14 RNDON	//		.03	.01	.01	.02	.05	.22	.01	.07	.02	.03		.03	. 05	.02	.07	. 01	.14		, 20				.08	
		.01	.01	.02	.03	.03	.02	.03	.05	.07	.17	.02	.01	.04		.01		.05	.04				.01		. 01	
NKINS WATER WORKS NTUCKY DAM KINGTON WR AIRPORT		.11		.01	.01	.01	.15	.02	.12	.10	.09	.11	.03	. 05	.04	.06		.12					.01	.06	.01	
XINGTON WB AIRPORT BERTY TILE BICKMAN LOCK 8	1//	.04	.04	.02	.02	.01	.03	.01	.04	.04	.06	.03	.02	.10		- 0							.02			
G LICK 1 S	11	.01	.01		.03	.05	.03	.01	.01	.02	.04	.03	.07	.03	.09			.01						.14	.03	1.
TILE BICKMAN LOCK 8 G LICK 1 S NDON POST OFFICE UISVILLE BOWMAN FLD UISVILLE STAN WB AP		•	*	•	:	:	:	:	:	:	:	:	:	:	:	:	:	:	-	1	:	1.17	•	•	1.00	1.
					.01	.04	.04	.11	.03	.16	.25	.13	.05	.16	.09	.02	.01	.02	.05		. 01	.10				1
CAS YSVILLE DAM 33	//	.01	.01	.02	.01	.04	.14	.09	. 03	.02	.03	.01	.01						. 02	.03					1.25	1.
KINNEYSBURG LLERSBURG	//					. 01	.03	.06	.08	.06	.05	.09	.04	.08	.07	.10	.06	.02	.01	.01		.01			1.20	1
			.03			.03	.05	.08	.05	.07	.03	.02	.01	.06	.21	.11	. 03	. 13							.16	
NFORDVILLE IVE BILL ENSBORO DAM 46	- 1		.03	.04	.13	.07	.03	.02	.07	.04	.07	.02		.04	.09	.23	.01		.01	.01	.02	.01			.06	
DUCAH SCS NURSERY		.19	.03	.03	.13	.07	.04	.08	.05	.03	.04	.13	.13	.09	.03	.06	.03	.05		.09						1.
MSEY LOCK 2 DIEVILLE WATER WORKS			.04	.13	.12	.03		.07	.10	.06	.02	.11	.01	.01	.02		.03	. 04	.01	.02			.03			1.
	11						.06	.06	.03	.04	.02	.11	.07	.09	.10	.06	. 01	.01		. 04		.03	.01	.01		:
ITHPIELD 4 S MERSET HIWAY DEPT	1	.02	.02	.01	-	-	-	.04	.08	.03	.05	.02	-	-	-	- 1	-	-	- 3	-	-	-	.01	.07	-	-
EARNS THAM SPRINGS			.02			.01	.01			.01	.01	.03	.01	.01	.01	. 1				.03					.15	
MPKINSVILLE IONTOWN DAM 49 LF CREEK DAM	//	.04	.02	.06	.05	.07	.09	.17	.06	.04	.05	11	.10	.09	.03	.02	.05	.01							. 50	
LF CREEK DAM ODBURY LOCK 4		.01	.01	.01	.01	.01	.05	.05	.03	.05	.06	.11	.02	.03	.03	.02	.03	.05		.01	. 16		.08			1.
DRAIDETT D MANNER MAN													-28	8th-												
RBOURVILLE WATER WES XTER HARLAN WATER WES		.01	.05																							:
RBIN VELLA ZARD	6		*	.06		•	.01																			
ZARD UISA LOCK 3 REHEAD STA TEACH COL	//	.01	.08	-	-	-	-	-	_	-	-	_	_	_	_	-	-	_	_	-	_	_	-	_		1
REHEAD STA TEACH COL IVE BILL LYERSVILLE		. 04															.01	.01								1
LYERSVILLE EARNS	//	.06	.15																							
DISON DAM 45	,,											_	-30	th-												
DISON DAM 45 OLPHUS 1 N RBOURVILLE WATER WES	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TTER HARLAN WATER WES																				.01	.01	.06	.02	.04	.08	:
WLING GREEN WB AP RROLLTON LOCK 1 NTRAL CITY 1 E	//																		.02		.01	. 04	.01	. 02	.09	
NTRAL CITY 1 E	//																					:	:		:	
INTON ISTANTINE		-	-	-	-	_	_	_	_	_	_	_	_	_	_		_	_	_	_	_		.01	.01	.04	
RBIN	6														•	•			.03					*	.39	
DEE BARRETTS FORD BR																				00	00	-01	.03	.01	.04	:
MONTON  WINGSBURG POST OFF  ANSLIM WATER WORKS  ST LOCK 3  LEYS MILL  ZARD																				.02	.02	. 01	.05	. 05	.05	
ANKLIN WATER WORKS ST LOCK 3																			.01	.03	. 02	.04	.01	.02	.02	:
LEYS MILL ZARD	//																		.01			.05	.03	.03	.01	
	//																				. 03	.03	.05	.10	.16	
RNDON DGENVILLE NAT PARK																				.01		.03	.02	.03	.02	
NKINS WATER WORKS																				.01	.01	.04	.05	. 01	.02	
XINGTON WE AIRPORT BERTY ITLE HICKMAN LOCK 8	11																				.02	. 01	.03	.01	.02	
TILE HICKMAN LOCK 8 G LICK 1 S	"																				.01	.01		.02	.06	
NDON POST OFFICE UISVILLE BOWMAN FLD	.,																				.02	.02	.02	.04	.06	
G LICK 1 S NDON POST OFFICE UISVILLE BOWMAN PLD UISVILLE STAN WB AP UISVILLE WB CITY								-			-	-	-	-	-	-	-	-	-	-	-	-	.01	.02	.01	1
TOWARD TO THE TOTAL TOTAL TO THE TOTAL TO TH																									.03	
KINNEYSBURG	//																					*	*		:	
DENG																								. 05		

KENTUCKY

Subsection   1	Table 4-Continued							HC	UH	LY	PR	EC	IPI.	IAT	IOI	N									J	ANUAR	Y 1
GREERAD STA TRACE COL  SCHERAD STA TRACE COL  SCHERA STA TRACE COL	Station					,	A.	М. Но	ur end	ling									P.	M. Ho	ur end	ing					
NEWFORD 111-8	Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	L'
OCHERNE LOCK 4  ADDISON DAM 45  ADDISON DAM 45  ADDISON DAM 45  ADDISON BATTER WINS 115 .19 .07 .06 .03 .02 .04 .05 .06  BERKE COLLEGE WATER WIS 12 .22 .13 .04  BERKE COLLEGE WATER WIS 12 .22 .13 .04  CREMINTO LOCK 1 .02 .05 .05 .03 .02 .02 .01 .01 .02 .01 .02 .01 .02 .01 .02 .01 .02 .02 .01 .02 .03 .02 .03 .02 .03 .02 .03 .02 .09 .08 .05 .03 .02 .09 .08 .05 .03 .02 .09 .08 .05 .03 .02 .09 .08 .05 .03 .02 .09 .08 .05 .03 .02 .09 .08 .05 .03 .02 .09 .08 .05 .03 .02 .09 .08 .05 .03 .02 .09 .08 .05 .03 .02 .09 .08 .05 .03 .03 .02 .09 .08 .05 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	LIVE BILL WENTSHORD DAM 46 ADUCAH SCS NURSERY INEVILLE UNUSEY LOCK 2 ADIEVILLE WATER WORKS ALYERSVILLE MITHIELD 4 S GOMERSET HIWAY DEPT	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	02	.01	.01 .01 .02 .01 -	.01 .03 .03 .04 .06	.02 .06 .03 .06 .14	
DDISON DAM 45 DD	IONTOWN DAM 49	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	_	-	1
INCLIDENT STATE WES	ADDICON DAY 45	,,								25				-31	lst-												
CONSTANTINE	ADOLPHUS 1 N BARBOURVILLE WATER WKS			.03	.07	.06 .04 .02 .03	.03	.02	.04	.05	.06	.01		.35	-	-	-	-	-	-	-	-	-	-	-	-	
ENDOLEMEN LOCK 14	ONSTANTINE ORBIN AVELLA UNDEE BARRETTS FORD BR	6	.01	.11	.16 .02 .02	.02	.01	.35	.02	.29	.03 .01	.02		.02	.05	-	-	-	-	-	-	-	-	-	-	-	1.
SEMPT   COMMAN DOCK 8	TOPIDEDE LOCK 14	//	.04 .03 .07 .22	.04 .04 .07 .14	.03	.07 .02 .01	.01	.02	.04	.03	.01	.01		,60													
YSYTLILE DAW 33	ENKINS WATER WORKS ENTUCKY DAM EXINGTON WB AIRPORT BERRTY ITTLE BICKMAN LOCK 8 NG LICK 1 S ONDON POST OFFICE DUISA LOCK 3	"	.02 .07 .05 .08	.06	.02	.07 .01 .04	.02 .05 .02 .03 .03	.02	1	.01	.01 .01	01	.02		.04	.06	.01	.04	.03								
LIVE BILL	AVSVILLE DAM 33	//		:	:	:	.05	.04					•	.34		-			_			-		-		-	
MITHFIELD 4 S	LIVE BILL WENSBORO DAM 46 ADUCAH SCS NURSERY		.01			.09					.01	.01															
NIOPYTONE DAM 9 / .04 .01 .02 .03 .02 .03 .02 .03 .02 .03 .02 .03	MITHFIELD 4 S DMERSET BIWAY DEPT TEARNS ATHAM SPBINGS DMDKINSVILLE	//	.07	.02	.03	.03	.03	.02	-	.02	.02	-	03	.02	.01	-	-	-	-	-	-	-	-	-	-	-	
	OLIF CREEK DAM OODBURY LOCK 4	//	-	_	-	-	-	-	-	-	.02	.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
																											-

DAILY TEMPERATURES

ERNTUCKY JANUARY 1949

Station		1	2	3	4	5	6	7	8	9	10	11	12	13		Day o	f mor		18	19	20	21	22	23	24	25	26	27	28	29	30	31	varacy.
ANCHORAGE	WAY		-	47	58		36	60	57	9	51		7			50	H	47	=	60	33	46	42	59	60	55	45	62	42	29			48.5
ASHLAND DAN 29	MIN	27 16 36	36 23 37	37	37	56 32	30	32	41	49	46	46 37	37 34 43	39 33	54 35 51	33	55 47 73	30	70 30	25	18	30	30	37	55	40 62	41	40	29	14	25 7 31	25 11 36	48.5
	MIN	22	21	31	33	45	30	32	37	45 71	62	39	34	34	32	30	40 82	40	36	37	22	29	40	41 64	42	46	46	43	36	23	11	25	34.3
BEAVER DAM	MAX	32 18	39 23	34	63	31	46 25	29	39	46	40	39	31	30	33	42	40	25	25	23	15	26	34	35	52	36	33	35	25	11	5	15	30.3
BENEAM	MAX	16	28 16	26	59 36	66 49	63 32	45 29	30	60 34	69 39	59 36	39	34	33	65 33	69 46	70 46	64	71 46	59 24	50 24	65 47	70 50	55	73 59	65 54	85 55	65	23	17	20	54.6 37.0
BOWLING GREEN WB AP	MAX	31 24	43 27	51 43	67 47	59 33	47 31	57 31	58 41	69 51	70 46	52 41	41 36	41 34	51 38	6 I 48	66 42	42 34	71 37	43 25	22	46 34	54 41	88 47	67 50	52 45	55 41	42	50 25	26 14	25 10	28 6	5I.7 35.1
BURGIN DIX DAM	MAX	28 23	43 26	52 35	62 43	59 39	59 34	53 33	54 34	69 49	68 45	65 41	43 27	42 35	56 39	64 35	7I 40	64 36	71 43	71 33	42 21	46 32	51 40	62 44	65 80	62 46	61 46	81 45	65 35	36 19	26 10	29	55.0 35.9
CAMPBELLSVILLE	MAX	29 20	42 25	49 38	67 45	59 36	45 29	32	55 43	69 49	71 45	60 42	45 35	39 32	50 39	66 45	7I 55	68 34	72 34	66 31	19	46 30	54 40	63	65 80		6I 43	64 42	88 32	34 16	26 6	28 22	54.4 35.6
CORBIN	MAX M1N	26 20	42 24	46 39	64 40	60 36	29	58 32	55 45	68 48	71 42	57 46	47 36	49 35	46 41	66 34	72 50	61 39	72 41	54 29	43 22	46 32	55 46	65 48	73 80	63 52	62 50	65 49	61 30	30 16	31 I3	38 25	54.7 37.0
COVINGTON WB AIRPORT	MAX	33 22	35 22	42 34	55 40	59 32	39 29	53 36	52 42	64 47	49 38	36 32	34 31	40 31	47 36	57 35	58 36	36 30	67 32	50 22	31 16	43 56	36 32	60 37	62 44	44 39	45 39	6 I 39	56 27	27 9	23 5	27 14	46.0
DANVILLE	MAX	26 22	43 25	47 37	63 42	59 36	45 30	58 35	52 44	7I 49	70 47	60 40	43 35	42 33	56 37	66 36	72 57	61 34	71 35	63 32	44 20	46 30	51 35	62 42	65 59	60 45	61 46	62 45	64 32	32 17	28 9	28 23	54.0 35.6
FARMER8	MAX	32 20	36 23	44 32	56 34	62 42	44 32	60 36	57 37	68 49	66 40	62 40	43 34	45 33	51 37	63 27	73 44	69 39	74 37	72 34	40 17	45 30	48 40	49 40	66 42	66 46	62 46	51 43	65 36	37 23	30 10	31 25	54.0 34.4
FORDS FERRY DAM 50	MAX M1N	35 26	42 30	55 40	62 49	59 34	46 30	62 35	63 49	65 52	52 40	45 41	42 35	50 35	48 42	70 45	67 41	41 26	68 25	52 26	39 19	45 32	42 35	63 36	66 47	48 35	41 33	38	63 26	29 12	22 9	30 16	50.4 33.6
FRANKFORT LOCK 4	MAX MIN	36 23	42 26	46 37	60 42	65 39	45 30	56 34	57 41	66	65 45	60 39	43 35	43 33	58 37	65 32	66 56	63 34	72 33	72 32	41	53 31	51 34	49 42	66 47	63 43	60 45	61 43	66 33	34 21	27 9	30 23	54.4 35.0
GREENSBURG	MAX	32 19	42 27	49	65 44	60 38	45 30		59 30	69 45	75 45	63 44	52 36	40 34	50 38	69 46	72 52	53 35	72 35	55 32	43	46 30	53 41	63 45	67 60	64 45	60 45	64 43	65 34	35 17	26 10	30 24	54.7 36.2
GREENVILLE 2 W	MAX	36	40	52	63 50	60	47	58	62 45	69 53	63 44	52 43	46	42	48	68 46	62 42	43 28	70 28	65 28	43 20	46 32	46 37	65 38	66 58	58 38	43 35	63 38	63 29	29 14	22 10	30 18	52.3 34.3
HEADQUARTERS	MAX	34	39 28	44	60	70 39	43 36	58	60	66 56	63 52	64	60	56 34	56	61	74 58	74	72	68	65 35	60	60	75 50	80 59	67 45	57 46	68 52	64 36	26 18	27 11	25	57.9 40.0
HEIDELBERG LOCK 14	MAX	32 16	38	43 33	53 34	60 43	44 29	58 28	55 36	68 37	62 40	60 44	47	47	51 38	62	70 37	65 42	72 39	70 42	46	44	52	53	71 48	65 52	60	54 47	56 39	39 23	29	34 26	53.5
HENDERSON 4 SW	MAX	32	39 28	53	61 48	58	47	60	62	63	56	43	39	42	47 39	70 43	62	41	67	57 25	39 18	43 18	42	63 36	64 59	59	39	61	61 27	27	21	30	49.9
HINDMAN SETTLEMENT SCH	MIN	27	30 20	39 40 29	46 32	33 66 39	30 60 31	34 42 31	45 55 33	52 57 37	40 65 37	39 67 41	33 52 38	33 40 35	48	49	65 32	72 44	50 42	72 43	45 23	42 25	50 37	55 41	65 47	73 52	60	63 49	67 48	51 28	29 15	36	52.9
HOPKINSVILLE 2 E	MIN	15 34	40 23	58	64	56	31 47 25	59	62	72	64 45	50	46	38	54	67 42	60 50	55 27	67 25	38 27	45 17	46 30	50 30	66 36	70 45	65 35	56 34	63 34	50 30	30 10	24 6	30	52.5
IRVINGTON	MIN	20 29	38	38 49	60	34 60	45	28 57	33 56	46 66	59	40	31 41	35	36 53 37	62	61	43	69	69	40 19	45 31	44 37	60	64 56	57 40	47 39	62	64 29	29 15	25 7	29 17	50.7
LEITCHFIELD	MIN	23 32	25 41 26	37 49	47 63	32 57	29 45	33 57	44 56	50 68	47 66	39 53	34 46	33	47	41 58	41 62	46	70	26 68	41	47	37 48 37	38 63	62	57	51	63 38	64 29	30	24	28 19	51.6 33.6
LEXINGTON WB AIRPORT	MIN	22	38	37 47	45 59	34 59	28 42	30 55	42 50	49 66	48 63	40	33	32 40	36 55	62	41 69	31 42	31 69	29 48	20 36	31 47	46	39 59	56 62	40 53	38 58	63	50	14	27	26	49.1 33.2
LOUISVILLE STAN WB AP	MIN	20	22	36 49	45 61	32 62	28	33	42 57	48 67	60	35 44	34	32 43	38 57	40 61	42 62	33	35 71	23 43	19	31 46	38	41 63	53 66	43	43	43 66	27 51	12 26	10 26	13 28	49.4
LOUISVILLE WB CITY	MIN	25 30	27	37	47	35	30	36 55	47	53	43 53	36	35	34	39 53	41 61	39 61	30	33 70	25 43	20	32 46	36 41	39 61	44 64	41	41	64	26 51	1.2 2.5	9 28	17	33.8
TOAETWCEA ITTE	MIN	26	41 27	48 36	60 46	60 34 52	43 30	55 37 60	57 47 63	66 52 66	42 57	35 48	34	33	40 57	42	39	30	33	25	21	33	35 47	37 63	61	40 50	41	4I 63	25 62	30	10 20	30	33.9
MAD1SONV1LLE	MIN	24	30	41	52	32	31	29	44	51	41	41	35	48 36	42	72 52 68	70 40	25	25	29	19	33	35	37	50	33	33	36 63	30 64	12	20 7 24	13	51.4 33.4 52.1
MAMMOTE CAVE PARE	MIN	35 24	28	53 40	50	60 35	45 31	36	48	66 52	43	49	35	35	41	46	63 45	42 27	70 27	60 28	20	32	36	64 37	55	38	36	38	29	13	9	19	34.6
	MIN	35 18	30 20	29	45	65 43	45 28	31	38	47	70 50	70 44	34	38	33	44	51	33	32	32	17	22	39	39	47	42	42	48	41	15	6 21	21	34.2
MAYFIELD 2 S	MAX	37 21	41 25	55 38	63 48	59 30	48 25	58 29	42	71 49	65 39	50 38	45 31	52 32	58 38	71 50	67 37	21	23	25	17	31	32	35	45	54 32	40 30	63 34	26	31 9	4	10	30.4
MAYSVILLE DAM 33	MAX	34 23	36 20	42 30	51 38	61 41	42 30	57 30	55 30	49	51 41	50 37	39	33	49 36	55 28	45	59 36	72 37	33	21	32	46 38	38	44	61 47	57 43	49	64 35	35 21 51	28 11	24	50.2 33.7
MIDDLESBORO	MAX	31 18	40 24	47 36	56 38	58 50	51 32	55 30	52 34	67 45	68 39	64 45	62 41	54 35	52 37	64 36	70 42	43	71 47	39	54 24	52 36	59 44	62 52	70 58	66 58	63 59	64 55	64 46	26	17	27	58.1 39.0
MOUNT STERLING	MAX	33 22	38 23	45 35		60 40	42 29	57 32	55 43	67 50	64 45	63 39	42 32	33	52 36	64 33	69 30	68 33	71 36	69 32	28	46 20	39	56 40	65 55	59 46	56 43	65		29	29	35 14	53.1 34.7
MURRAY	MAX	35 25	43 30	55 42	62 51	59 34	49 29	62 34	64 45	74 54	64 50	53 32	44 35	52 36	59 42	72 33	65 42	42 29	68 28	45 29	45 21	47 35	50 38	61 40	66 47	59 38	42 36	63 39	62 30	33 14	22 9	32 10	53.2 34.0
OWENSBORO	MAX	31 25	39 26	52 32	61 46	60 34	46 28	58 30	60 42	65 50	60 42	48 40	43 33	41 33	45 34	68 33	60 53	27 27	67 26	63 29	43 19	44 30	42 33	57 35	64 55	56 36		61 36	60 36	29 12	23 7	29 15	50.4 32.6
PADUCAH NO 5 FIRE STA	MAX	44	35	49	60	63	44	47	63	61	70	51	46	40	51	56	72	54	34	67	34	42	45	48	66	60	39	40	63	42	22	22	49.4
DIKEAIITE	MAX	29 20	41 26	47 33	65 46	61 53	54 32	63 31	54. 35	73 27	69 42	57 47	44	56 33	53 32	68 32	77 39	58 44	76 45	70 40	44 27	51 30	57 47	60 48	74 53	64 55	65 54	61 51	66 50	50 26	33 18	41 29	57.3 38.3
PRINCETON	MAX	37 24	40 28	54 38	64 51	59 34	48 26	63 24	61	71 54	59 45	49 42	44 35	41 31	52 37	71 46	64 41	41 28	69 27	60 28	43 19	45 31	46 36	68 38	66 53	53 37	54 35	63 38	51 30	30 13	22 9	32 10	52.4 33.1
RICHMOND TEACHERS COL	MAX	27 21	40 25	45 35	62 39	60 39	43 28	57 31	52 44	68 47	70 45	62 38	42 33	42 32	53 35	65 37	70 37	60 35	72 34	67 32	40 19	47 30	47 36	61 40	65 57	60 43	60 46	63 42	63 41	33 17	27 9	28 23	53.3 34.5
																										68	52					26	

DAIIV	TEMPER	ATTIDES

KENTUCKY

																Day o	of mo	nth															rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
JOHN BETHLEHEN ACAD	MAX	34 22	40 25	48 37	62 46	59 36	45 28	57 31	56 42	69 52	66 49	56 40	45 34	39 33	52 37	82 30	62 52	54 31	70 30	71 30	38 19	48 31	48 37	62 40	65 57	58 41	52 40	62 40	64 31	32 15	25 7	27 19	52. 34.
CIENCE HILL	MAX MIN	30 17	42 24	48 37	64 40	60 38	44 29	57 31	53 38	68 46	71 42	67 42	53 35	41 32	48 37	86 45	69 52	60 35	70 35	67 30	45 21	48 32	54 41	64 44	70 58	69 47	60 48	63 45	64 33	34 18	29 10	32 24	55 35
COTTSVILLE	MAX	31 19	41 27	52 40	66 48	60 38	46 30	58 32	58 45	71 53	74 51	62 47	51 38	41 35	50 39	87 46	73 57	67 34	73 34	66 32	46 24	49 34	55 42	66 48	71 61	67 46	61 43	67 44	66 30	37 17	26 10	28 22	56 37
HELBYVILLE 2 W	MAX	32 21	38 23	45 35	58 43	59 36	43 28	51 32	51 39	67 47	65 47	53 37	39 33	39 32	56 35	84 34	61 52	57 32	70 31	67 30	38 18	47 29	47 31	52 39	62 50	59 41	50 43	80 41	64 30	31 17	25 8	28 20	50 33
ILLIAMSBURG	MAX	33 13	44 24	48 34	60 39	61 42	46 30	62 30	59 37	70 44	71 39	66 49	61 41	51 33	50 37	86 30	72 59	65 40	72 37	70 37	48 23	47 20	57 44	67 46	75 57	68 53	64 51	64 46	65 44	48 23	31 11	35 22	51 36
ILLIAMSTOWN	MAX	32 20	36 20	41 33	50 39	58 37	39 27	52 33	52 41	60 46	60 46	47 34	36 31	38 30	49 34	59 33	60 53	57 32	68 31	58 29	34 17	45 28	46 33	44 38	62 43	60 40	45 41	40	82 33	34 17	23 6	29 20	33
LF CREEK DAM	MAX	37 16	32 24	44 31	58 40	66 58	62 33	48	59 40	59 40	72 44	76 45	61 40	40 36	46 36	50 46	71 50	73 41	46 40	70 40	41 25	51 28	49 47	56 47	68 51	74 52	84 52	82 49	88 45	47 23	29 14	32 14	5:

See rei rence notes following Station Index.

## EVAPORATION AND WIND MOVEMENT

Table 6						v							`						_		_				_									-
	Т															Day	of m	onth															78	1
Station	ı	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tot	Per Per
WOLF CREEK DAM EVA	9	21	17	.086	.004	67	70		.007	.029	.032	.039			.011	15		.096 63	.030	.025 107	.041 46	.039	3	.013 10	.031		.010			85	82	22	.8019 1188	

				П			Obs	on			Refer			6				9		Obes vatio	n		Holoz
Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Temp	Precip.	Observer		to table		Station	Index N	County	Dramage	Latitude	Longstude	Elevation	C. E	Observer		to ables
ADDIBON DAW 45 ADDLPHUS 1 N ALLEN ACHORAGE ASTERADO	80MS	BRECHIR IDGE ALLEN PLOYD JEFFMBHON PINN	3 1 7	38 38 37 35 38 18	88 34 16 18 12 43 15 33 112 28	858	70	BA N	ORPS OF EMGINEERS DELL W DEARING ANNIM AUXIME M DARRET MATLIFF	3 3 3 3	4 4 3 4	8	LOGLICH 1 M LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWMAN FIELD LOUISVILLE BYAN WE AP	4M93 4M43 4861 4864	CLARW LAUREL LAURENCE JEFFERSON JEFFERSON	1 7 7	3M 13 3N 11	84 82 84 85 162 37 165 40 165 44			MA MEM H BURGICEM BA B E M NAMBEE 7A BURSKIL T WHEELER ID US WANTHES SURMAU ID US WANTHER BURRAU	2	4 4 5
ASHLAND DAW 29 BARDONSTILLE WATER WES BARDSTOWN 8ASS 3 ST BAKTER MARLAN WATEN WES	83R1 83X9 8438	BOYD MNOX NMLSON TAYLOR BARLAN	3 3	38 27 36 52 37 46 37 19 38 51	83 53 85 38			7A 3 7A M 7A C	CORPS OF SWOINEERS DOWN S WHARTON DIN POPE SISCO LAUDH CAVE & R MEAN YRUS 3 LAYSON		3 4	5	LOUISTILLE UPPER GAGE LOUISTILLE WE CITY LUCAS MADISONVILLE	4858 4867 5002 5882	JEFFERSON JEFFERSOE DALLARD DARREN HOPWINS	6 3	38 17 38 15 38 58 38 53 37 28	85 48 65 45 68 58 88 82 87 30	403 457 478 400	8P	SA US MNOINKERN 7A UR WEATHER HURMAU SP MLAINE MALONE NA CRCIL H BRITT SA BMASHES C BACON		5 4 5 5 4 5 3 4 3 4
BEAVER DAM SENHAM BENTON 1 SW BERMA COLLEGE BERMA WATER WORES	0818	ONIO HARLAN MARSHALL MADISON MADISON	9 4	37 25 36 58 38 51 37 34 37 34	86 52 82 57 88 22 84 18 84 16	380 1070	8P 8A 8P	6A C MA N 6P J	C RHITBAKER	2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 4	5 5 8	MADISORVILLE 1 SE MANDOTH CAVE PARE MANCHESTER MAYFIELD SUBSTA MATFIELD 2 S	5097 5110 5230 5232	HEDWINS EDWONSON CLAY GRAYES GRAYES	3 4 8 8	37 18 37 11 37 09 38 44 38 42	83 48 R8 38 88 38	460 384 384	7A 5P	7A J W MC COT MA GRAWVILLE 8 LILEN 7A MARL BOWARD TTA SP MCS JOS PATKE		3 8 3 5 3 5
SOSTON 3 SW SOMELING GREER BOWLING GRMEN SUBSTA BOWLING GRMEN WD AP BRENT BAM 38	0804 0807 0909	NELSOE WARREN WARREN WARREN WARREN	3 3	37 46 37 00 37 01 36 58 39 03	85 42 86 28 88 26 88 26 84 25	538 470 535	1A	7A J	ERS PAULENE COT IAMES R EDWARDS IVA US WEATHEE SUREAD CORPS OF ENGINEERS	2	3 3 3 3 4	5	MATEVILLE DAM 33 MC EINKETSBURG MIDDLESBORG MIDDLESBORG CITY BALL MIDWAY 2 8	5301 5389 5384 5407	MASON PHEDELTOE SELL SELL WOODFORD	8 8 2 4	38 38 38 38 38 37 38 38 38 38	83 42 84 18 83 43 83 44 84 42	610 1128 1150	6.0	SA CORPS OF ENGINEERS 7A AMANDA A AULICK 5P HUOD ALLEN IID CITT OF WIDDLMSBOW 8A JOEN 8 WUGENT	2	3 4 5 3 4 3 5 3 4 3 3
BROWNSVILLE LOCE 8 DURGIN DIX DAM SURNSIDE CADIZ LOCE E CAMPRELLSVILLE	1127	EDMONSON MERCEN PULASEI TRIGG TAYLOR	4 2 2	37 12 37 48 38 59 36 48 37 20	68 16 84 43 84 37 87 56 85 21	770 705 424	4P 6P	7A 5	SARAH E LEF13	2	3	5 6	WILLERSBURG WILLERSTOWN WONTICKLLO WORKHEAD STA TEACE COL WOUNT STERLING	5438 5524 5553 5840	BOURBON GRATBON WATKE BOWAN MONTGOMERT	3 5 5	38 18 37 27 38 50 38 11 38 03	83 57	910 770 930		SA MRS ANY L POTTS SA MES O M LAWLEE TA M O COOPER SA E C HAGGAN SP FRED CARTWILL	2	3 4 3 3 3 4 3 5
CARROLLTON LOCE 1 CANTRAL CITT 1 E CLINTON COLLEGE RILL LOCE 11 COLUMBIA	1345 1439 1631 1704	CARNOLL MUELENBERG HICKWAN MADISON ADAIE	6	38 41 37 18 36 41 37 47 37 06	84 06	440		MIO N	CORPS OF ENGINEERS MARION STAPLES MODSOS D FRANKLIN CORPS OF ENGINEERE MES HAZEL S PICKETT		3 4 3 4 3 4 3 3		MUNFORDVILLE MUTRAY OLIVE HILL OLNEY OXEONTA OAM 35	5694 8012 8020 8033	CALLOWAY CARTER DEOPEINS CAMPELL	7 7	37 18 36 37 36 18 37 13 36 58	65 83 88 20 83 11 67 47 84 18	412 752 380		7A ARTEUR S MIPS 6P RALPH S WEAR 8A MES W F FULTZ JR 8A ART D BILLIAMS 7A CORPS OF ENGINEERS		3 4 3 3 3 4 9
CONSTANTINE CORRIN CORRIN WATER WORES COVINGTON WB AIRPORT CYNTBIANA	1801 1806 1853	BRECHINGINGE WHITLEY WHITLET KENTON BARRISON	2 2 7	37 40 36 57 38 57 39 04 38 23	86 14 84 06 84 06 84 40 64 18	1178 1070 868		7A C	MRS GLENNIE L SHARP US WEATEER SUREAU CORDIN WATER WORKS US WEATHEE SUREAU MARSHALL SILL	2	3	3	OVENSBORD OVENSBORD DAN 48 PADUCAH NG 5 FIRE STA PADUCAS SCS WURSKEY PADUCAE TTA	8098	DAVIMSS B DAVIMSS B DC CRACKEN F MC CRACKEN B MC CRACKEN	7 7 7	37 48 37 47 37 05 37 04 37 03	87 09 87 08 88 37 66 35 88 35	404		7A VIEGIL P CLARE 7A CORPS OF ENGINEERS 8A CAPTAIN FF WILLIAM 7A SOIL CONSERV SERV SOIL CONSERV SERV	2 3 2	3 5 3 4 3 5 3 4 3 4
DANVILLE DAVELLA DELPHIA DEMA DONDER RARRETTS FORD BI	2053 2131 2131	BOYLE B MARTIN PMRRT S ENOTT B OHIO	3	37 39 37 48 37 02 37 25 37 33	84 46 62 32 83 03 82 48 66 43	1200	6₽	BA I	R P COLDINOS SERTHA DM LONG FARIS CRESS MATTIE S BARNEY J L HUFF		3 3 4 3 3 3 4	3	PAINTSVILLE PIREVILLE PIREVILLE PIREVILLE 2 8 PEINCETON	8353 6384 8433	JOHNSON PIKE BELL SHELBY CALDWELL	2 4	37 49 37 29 36 45 38 20 37 06	62 46 82 31 83 42 85 07 67 53	888 999 882				3 3 4 5 3 3 5
DUNMOE DUNY ILLE EDDYY ILLE LOCK F EDWONTON ELIZABETHTOWN WATER FK	2374 2445 2465	MUHLENBEEG CASET LYON METCALFE HARDIN		37 05 37 13 37 03 37 00 37 42	67 00 65 58 88 05 85 37 85 24	420		7A 7A	N D GIVENS LINNIE D TARTER TROMAS SMITE JOEN E MORAN BUD 8 JONES		3 3 3 3 4 3 4		KAVENNA LOCE 12 EICHMOND TEACHERS COL EUSSEL LOCE 2 RUSSELLVILLE EUSSELLVILLE SUBSTA	7031 7041	B ESTILL S MADISON B WC LEAR 9 LOGAN 4 LOGAN	3 3	37 40 37 44 37 32 36 51 36 50	84 18 87 18 86 53	1000 384 390	7A 7A	7A CORPS OF ENGINEERS C 7A EASTERN TEACHERS C 8A CORPS OF ENGINEERS 7A DR 6 S MC REYNOLDS TVA	2	3 3 5 3 4 3 5
FALMOUTE FARMERS FLEWINGSSURG FLEWINGSSURG POST OFFI FORD LOCK 10	277 278 290 280	5 PENDLETON 1 ROWAN 3 PLEWING		38 40 38 09 38 25 38 25 38 25 37 53	63 43	868 670	40	7A 7A	JESSIE OLDHAM MRS C C STAMPER HYRON F FLEEING MAURICE O CARPENTER CORPS OF ENGINEERS	2	3 3 3 3 4 3 4	8	SADIEVILLE WATER WORES ST JOEN BETFELENEN ACAD ST MARY SALVIJA LOCE 6 SALVERSVILLE	709	4 SCOTT 1 SARDIN 8 MARION 1 MERCER 9 MAGOFFIN	6 8	38 23 37 42 37 55 37 56 37 45	85 59 85 21 84 49	777 730 520	4P	7A S W MULBERRY 7A SISTER S M GSKLL MID ST MART COLLEGE 7A CORPS OF EEGINEERS 7A J M MAT		3 4 3 5 3 4 3 4
FORDS FERRY DAM 50 FRANKFORT LOCE 4 FRANKLIN WATER WORKS FRENCHBURG 1 SW GEOGGSTOWN WATER WORKS	302	1 CRITTENDEN B FRANKLIN 6 SIMPSON 2 MENIFEE 4 SCOTT	1	37 26 4 38 13 3 36 43 3 37 57 4 38 12	84 53 86 34 83 32	504	4P 4P	6A 7A 8A	CORPS OF ENGINEERS CORPS OF ENGINEERS EXEMAN D NEAL C JEEOME SIERONYMUS JOE W ATEINS	2	3 4 3 3 3 4 3 3	5 5	SCIENCE HILL SCOTTSVILLE SKHREE WATER WORLS SHELEFVILLE 2 W SHEEPERROSVILLE	721 723 732	2 PULASEI 5 ALLEN 4 WEBSTER 4 SHELBY 4 BULLITT	3 3 8	37 11 36 45 37 36 38 13 37 59	86 13 87 33 85 18	360	6P 6P 6P	SP WILLIAM E DOBES 6P NOBLE ALLEN 5P SEBREE WATER WORES 5A WILLS S A RATTA 7A CONRAD MARAMAN	2	3 5 3 5 3 5 3 5
CEST LOCE 3 GLASGOW GODMAR AFBU FT ENOX GRANT DAW 38 GRATSON	520 324 328 335	3 BENRY 1 BARREN 0 HARDIN 8 BOONS 1 CARTER	1	4 38 25 3 37 00 7 37 54 7 38 58 7 36 19	85 4 85 5 84 4	B 9 506		7 A	CORPS OF ENGINEERS OSA L FOLLIS US AIR FORCE CORPS OF ENGINEERS SSIRLEY I STATEN		3 4 3 3 4 3 3 3		SEITHFIELD 4 5 SOMERSET BIWAY DEPT SPHINGFIELD STEARS3 STILLWATER	750 780 767	3 HENBY 7 PULASE1 4 WASSINGTON 7 MC CREARY 1 WOLFE	8 2	38 20 37 07 37 41 36 42 37 45	64 33 85 1 84 2	873		7A F W SIMPSON 7A L E SUTERRLAND 8A JOHN P ELDER 8A C E CSITTOOD 8A MRS S E HOLLAND		3 4 3 4 3 3 4 3 3
GREENSBURG GREENSBURG SIWAY DI BE GREENUP DAM 30 GREENVILLE 2 W EALEYS WILL	343 344 345	O GREEN 5 GREEN 3 GREENUP 1 MUHLENBERG 8 CHRISTIAN		3 37 15 3 37 15 7 38 37 3 37 12 3 37 03	82 5 67 1	1 540	5P	7A 7A	MRS MELL M LINGLE EENNETS STOTTS CORPS OF ENGINEERS C % LOVELL CLEATUS E BRINKLEY	2	3 3 3 3 3	5	SUMMER SHADE SUBSTA TATHAM SPRINGS TATLORSVILLE TOMPEINSVILLE TOMPEINSVILLE TEL OFF	792 794 808	5 METCALFE 4 WASSINGTON 8 SPENCER 0 EONROE 5 WONROE	8	36 53 37 52 38 02 36 42 36 42	85 0 85 2 85 4	1 489 1 899		TVA TA R C DEDMAN TA MRS EATHRYN H CARF WID JAMES T PHILPOTT TA MRS ALICE H HALE		3 4 3 4 3
HAETFORD 6 N BAZARD BEADQUARTERS . BEDDELBEEG LOCE 14 BENDERSON 4 SW	365 370 372 374	2 OHIO 9 PERET 2 NICHOLAS 1 LEE 2 HENDERSOE		3 37 32 4 37 15 5 38 24 4 37 33 7 37 47	63 4	2 869 7 800 6 563	4P	6P 7A 7A	W E CARSON SE E A HAILET L M GAFFIN CORPS OF ENGINEERS FRANK STREET	2	3 3 4 3 4 3 4	5 3	TURKEY CREEK SCHOOL TYBOFE LOCK 5 UNIONTOWN DAM 49 VALLEY VIEW LOCK 9 VANCEBURG DAM 32	817 819	4 PIKE 8 ANDERSON 7 UNION 15 CLAT 9 LEWIS	7	38 45 38 02 37 48 37 51 38 38	84 5 87 5 84 2	1 524 7 357 6 57I		TVA TA CORPS OF ENGINEERS GA CORPS OF ENGINEERS TA CORPS OF ENGINEERS TA CORPS OF ENGINEERS		3 3 4 3 3
HERNDON BICKSVILLS BIGB SRIDGE LOCK 7 BINDMAN SETTLEMENT SCI	379 382 363 389	8 CHRISTIAN 11 LAWRENCE 17 JESSAMINE 19 ENOTT 19 LARUE		2 36 44 6 38 48 4 37 49 4 37 20 3 37 32	88 3 84 4 82 5	0 440 3	8.8	6A 8A	C W EEATYS TVA CORPS OF ENGINEERS ELIZABETH WATTS C C SELF	2	3 4 3 3 3 3 3	5	WATKESBURG 6 K WEST LIBERTT WATER WES WILLIAMSSURG WILLIAMSTOWN WILLOW LOCK 13	855 870 871	LINCOLN DORGAN SWHITLEY GRANT L4 GRANT	5 2 5		83 1 84 1 84 3 83 5	0 939 4 943 0 848	6P 6P	7A FRANK BOSCH 7A JOHN W TURNER 7A CHARLES 8 WEST 7A MISS 8 H SIMPSON 7A CORPS OF ENGINEERS		3 3 3 3 5 3
BOPEINSVILLE 2 S STOEN IEVINGTON JACKSON JENKINS WATER WORKS	399 409 418 418	04 CHRISTIAR 03 LESLIN 05 BRECKENRIDG 06 BREATHITT 11 LETCHER	3E	2 36 52 4 37 10 3 37 53 4 37 33 1 37 10	83 1 86 1 63 2	7 524 12 E50 17 846 13 776 16 1600	71	7F 7A	W E MORRIS WRS FOREST CAMPSELL FLOYD G ROBRINS ROBERT ROBERTSON EENTUCKY WATER CO	2	3	5	WOLF CREEK DAM WOODSURY LOCK 4		RUESELL 24 BUTLER	2 5	36 53 37 11	85 0 86 3	8 810 8 304	KIN	8A FRANE L BLOODWORTI 7A CORPS OF ENGINEER	2	3 4 5
JERENIAH EXENE 2 N ENTUCET DAM LANCASTER ICE PLANT	42: 43: 44: 46:	S LETCHER		4 37 10 4 37 58 9 37 03 4 37 33 1 37 45	84 1 88 1	18 1150 18 950 18 383 15 1033	2	7A 7A 8A	MRS SUSAN F 180N MARION W MAEIN TENE VALLEY AUTH EXHTUCET UTIL CO JAMES A FIELD		3 3 3 4 3												
LEITCHFIELD LEXINGTON WE AIRPORT LIBERTT LITTLE BICKMAN LOCK 6 LOCEPORT LOCK 2	47 47 48	03 GRAYSON 46 FAYETTE 55 CASET 25 JESSAMINE 57 HENRY	-	3 37 29 4 38 03 3 37 23 4 37 43 4 38 28	84 84 84	15 58	NI	KID	GEORGE D LITSEY US WEATHER BUREAU PALLIA L BANELA CORPS OF ENGINEERS COEPS OF ENGINEERS	2 2	3 3 4 3 4 3 4 3 4	5											

JANUARY 1949

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, dewpoint values below 32° F. and relative humidity values at temperatures below 32° F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygro metric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

No record

And also on later dates.

Amount included in following measurement, time distribu-

Gage is equipped with a windshield.

Precipitation measured at 6-hourly intervals, no record-

Adjusted to a full month.

В Water equivalent of snowfall wholly or partly estimated. E using a ratio of 1 inch water equivalent to every 10

inches of new snowfall.

Processing Center, 1300 U. S. Court House, Chicago 4, Illinois.

One or more days of record missing; see Table 5 for detail M ed daily record.

R

Station equipped with recording gage only. Storage precipitation station. Precipitation measurements made at irregular intervals, will be published in the June

issue of this publication. Trace, an amount too small to measure.

Т Includes total for previous month.

v Hourly amounts from a recording gage at the same site may be found in Table 4.

Subscription Price: 15¢ per copy; \$1.50 a year. (Yearly subscription includes Annual Summary) Correspondence regarding subscriptions should be addressed to the Weather Reco

Daily river stages will not be published in Climatological Data in the future. They wil be published annually in the publication "Daily River Stages - Principal Rivers of the United States".



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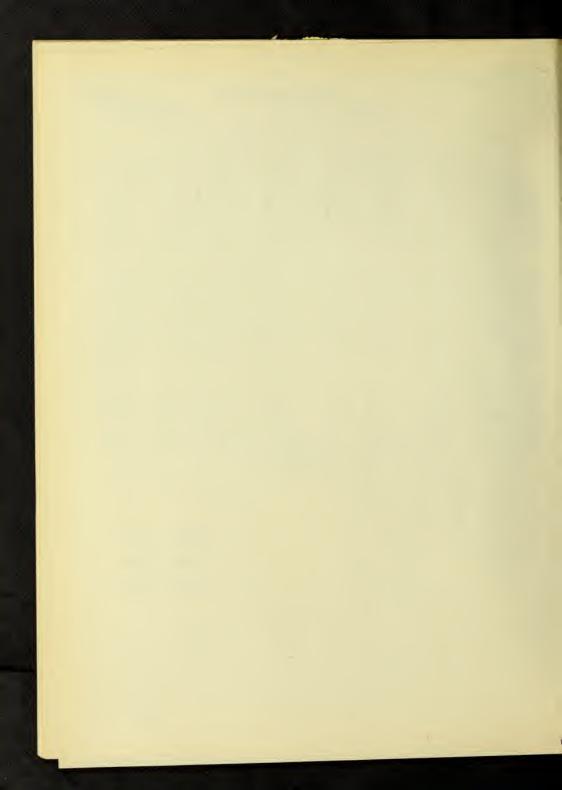
CLIMATOLOGICAL DATA

KENTUCKY JANUARY 1949

Station AY 1 3 1949			Т															
				emperatu	10							Pr	ecipitation				-1.4	
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below skep	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	of day	As arom to Col
WESTERN DIVISION BRAVER DAM BRAVER DAM FORDS FERRY DAM 50 GRARMYLLE 2 W HINDERSON 4 S E LOVELACEVILLE MATISONVILLE 1 SS MATFELD 2 S MUTRAL WITERA DEPT STA PRINCETON RUSSELVILLE SSELVILLE	41.3 42.1 43.4 41.9 42.5 43.4 41.6 43.7 41.6 43.6	5.0 7.3 4.9 4.4 5.6 4.9 5.9 6.7 6.3 7.4 5.8	71 70 70 70 72 72 72 70 71 74 68 72 71 70	9 15 18 15 9 15 18 9+ 9 15 16 9+	5 9 10 8 6 7 9 4 9 7	30 30 30 30 30 30 30 30 30 30 30 30 30		16 12 13 13 15 13 12 19 12 19	8.38 9.07 7.54 9.82 8.17 11.15 8.10 6.72E 8.11 8.44E 11.08E 9.24E 6.94	4.20 4.51 3.03 5.88 1.97 6.47 2.01 4.71 2.08 3.87	1.25 2.56 .95 2.17 .91 4.00 1.80 .99 1.29 1.55 3.85 1.73 1.98	27 25 27 24 26 24 25 16 18 24 25 24 5	2.0 2.0 3.0 3.0 3.0 4.0 3.0 2.0 5.0 3.5 3.5	2 2 3 4 3 2 5 4 3 3	31 31 31 31 31 31 31 31 31 31 31	13 14 18 14 12 15 15 13 14 15 15	10 11 13 11 10 11 11 11 12 13 12	2 3 3 5 2 3 2 2 4 1
CNTRAL DIVISION ANCEDIGE BOWLING GREEN WE AP BURGIN DIX DAM CAMPRELLSVILLE COVINCTON WE AIRPORT PRANKFORT LOCK 4 GREENSERING INVINCTON LEXINGTON LEXINGTON LEXINGTON LEXINGTON LEXINGTON STUDISVILLE STAN WE BA LOUISVILLE STAN WE BA COUNTY LIKE STAN WE BA ST JOHN BETTELREHM ACAD SCIENCE BILL SCOTTSVILLE SCOTTSVILLE SCOTTSVILLE SCOTTSVILLE STAN WE STILLIAMSTON WOLF CREEK DAM	40.4 43.5 45.5 45.5 45.9M 38.5 45.0M 44.8 45.5M 42.2 41.7 41.1 43.0 43.4 45.5 46.9 40.2M 46.6 43.2	7.1 5.9 8.7 9.8 9.7 9.9 6.7 7.1 8.3 6.7 9.9 9.5 10.1 8.5 7.1	70 71 71 72 67 72 72 75 69 70 69 71 70 72 71 71 74 70 68	18 16+ 18 16+ 18 16 18+ 10 18+ 18 11 19 10 10 11 18 18	7 8 10 8 5 9 10 7 7 10 6 6 7 10 8 6 14	30 31 30 30 30 30 30 30 30 30 30 30 30 30 30		15 11 8 12 17 10 10 13 14 12 11 10 13 14 11 10 13 14 11 10 13 14 11 10 10 10	7.82 5.58 5.42 4.59 8.95 4.87 6.05 5.44 8.32 7.85 5.55 5.10 6.78 8.08 5.81 8.34E 7.89 7.27 7.31	3.89 .59 1.41 .36 .51 4.10 2.96 1.37 3.10 2.78 .82 3.34 1.56 3.51 3.39	1.58 .84 1.00 1.20 2.53 1.11 1.14 1.60 1.45 .83 1.25 1.35 1.45 1.46 1.46 1.47 1.46 1.46 1.46 1.47	27 21 5 5 4 5 5 5 7 5 5 7 5 5 7 5 5 5 5 5 5 5	3.3 2.6 2.5 2.5 2.7 3.0 2.0 2.0 3.1 3.4 2.6 2.7 3.0 2.0 2.0 3.1 3.4 3.4 3.4 3.6 2.7 3.0 3.1 3.0 3.1 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	3 2 2 2 2 3 3 3 3 2 2 3 3 T 2 T	31 31 31 31 31 31 31 31 31 31 31 31 31 3	16 14 13 17 16 13 17 17 20 15 15 15 14 12 20 19 18	11 10 10 7 9 8 9 9 11 10 10 11 10 10 11 10 10 11 10 10 10	
RASTERN DIVISION ASHLAND DAW 29 BENHAM CORBIN CORBIN HEADQUARTERS HEIDGLESEG LOCK 14 BINDHAM SETTLEMENT SCB MATSYILLE DAW 33 MOUNT STRENING PIKEVILLE RIEGHORD TRACEERS COL WILLIAMSBUNG	44.3 45.8 45.9 44.3 49.0M 44.6 43.8 42.0 48.6M 47.9 47.9 44.0 47.3	8.5 9.2 8.9 8.6 10.5 10.5 11.0 8.1 8.9 9.4	73 73 73 74 80 72 73 72 71 71 77 72 75	16 25 24 18 24 18 25 18 18 16 18	11 16 13 10 11 13 15 11 17	30 1+ 30 30 30 30 1+ 30 30 30 30 30 30 30 30 30 30 30 30 30		12 11 11 10 10 14 12 8	5.07 5.17 6.18 5.91 9.38 5.09 5.28 6.41 7.64 4.77 4.33 5.78 5.47	1.08 1.60 .58 2.45 3.21 .35 .70 1.47 1.17	.76 1.26 1.15 .90 2.48 1.02 1.36 1.43 2.72 1.09 .98 2.07	22 22 5 22+ 5 22 22 25 5 5 5 21 5	1.3 T 1.2 1.7 4.0 0.1 T 2.5 T 4.2 T 1.5	1 1 2 4 1 T 2 T	31 30 31 31 31 2+ 31 31 31 31 31	16 17 17 17 14 17 19 17 14 15 17 18	9 6 9 9 13 7 7 8 10 7 5 5	

See reference notes following Station Inde

The Party



DAILY TEMPERATURES

KENTUCKY JANUARY 1949

Table 5		_				_						_		-	-		_																
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day o	16	nth	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Атакар
ANCHORAGE	MAX	27 16	35 23	47	56 37	56 32	36	56 32	67	67 49	51 46	46 37	37 34	39 33	54	66 33	65 47	47	70 30	60 25	33 16	46 30	43	59	60 65	66 40	45 41	62 40	62 29	29 14	25 7	25 1 I	48.
ASHLAND DAM 29	MAX	36	37	44 31	58 33	62 45	54 30	61 32	59 37	70 45	65 41	61 39	43	45	51 32	60 30	73 40	67 40	71 38	70 37	40 22	47 29	47 40	47 41	69 42	62 46	6I 46	64 43	55 38	43	3I 11	36 25	54.3
BEAVER DAM	MAX	32	39	51	63	60	46 25	80	60	71 46	62	50	44	41	46 33	85 42	62	45 25	69	60	43	46	46	64 36	86 52	57 36	47 33	63 35	64 25	31 II	24	33	52.3
BENEAM	MAX	16	26 16	44 26	59 36	66	63	45	81	60	89	59 36	61	41	33	65 33	89	70 48	64	71 46	59 24	50	65 47	70 50	84 55	73 59	65 54	65 55	65	48	30 17	43	64.4
BOWLING GREEN WB AP	MAX	31 24	43	51 43	67	59 33	47 31	57	56 41	69 51	70 48	52 41	41	41 34	51 36	61 48	66 42	42	71 37	43	44	46	54 41	86	67 50	52 45	55	66 42	50 25	26 14	25 10	26	51.
BURGIN DIX DAM	MAX	28 23	43	52 35	62	59 39	59	53	54 34	69 49	68	65 41	43	42 35	56 39	64	71 40	64	71 43	71 33	42 21	48 32	51 40	62	65 60	82 48	61 46	81 45	85 35	36 19	26 10	29	55.
CAMPBELLSVILLE	MAX	29	42	49	67	59	45	32	55 43	69	71 45	60 42	45 35	39	50	68 45	71 55	86	72	66 31	44	46	54 40	63	65 60		61 43	64 42	66 32	34 18	26 8	26 22	54.
CORBIN	MAX	28	42	48	64	60	44	58	55 45	68	71	57	47	49	48	86 34	72 50	61	72	54	43	48	55 46	65 48	73 80	63 52	82 50	85 49	61	30 16	31 13	38	54.
COVINGTON WB AIRPORT	MAX MIN	33	35	42	55	59	39	53 36	52 42	64	49	38	34	40 31	47	57 35	58 38	38	67 32	50 22	31 18	43 28	38 32	60 37	62 44	44	45 39	81 39	58 27	27	23	27 14	48. 31.
DANVILLE	MAX	28	43	47	63 42	59	45	58 35	52 44	71 49	70 47	60	43	42	56 37	66	72 57	61	71 35	63 32	44	48	51 35	62	65 59	80 45	61 46	62 45	64 32	32 17	26 9	28 23	54.
FARMERS	MAX	32	38	44 32	58	62 42	44	60	57 37	68 49	66	62	43	45 33	51 37	63 27	73 44	69 39	74	72	40 17	45 30	48	49	68 42	66	62 46	51 43	65 36	37 23	30 10	31	54.
PORDS FERRY DAM 50	MAX	35 28	42	55	62	59	46	62 35	63	65 52	52 40	45 41	42	50 35	48	70 45	67 41	41 26	66 25	52 28	39	45 32	42 35	63 36	66	48	41	38	63 28	29 12	22	30 16	50. 33.
FRANKFORT LOCK 4	MAX MIN	36 23	42	46	60 42	65	45	58 34	57	68	65	60	43	43	58	65	66	63	72	72	41	53 31	51	49	66	63	60 45	61 43	66 33	34	27	30	54.
GREENSBURG	MAX	32 19	42 27	49	65 44	60 38	45 30	34	59	69 45	75 45	63 44	52 36	40 34	50	69	72	53	72	55	43	48	53	63	67	64	60	64	65	35	28	30	54.
GREENVILLE 2 W	MAX MIN	36 22	40	52 39	63 50	60 35	47 29	58 32	62 45	69 53	63	52 43	46	42	48	68	62 42	43	70 28	65 28	43	46 32	46	65 38	66 58	58 38	43	63	63	29	22	30 18	52.
HEADQUARTERS	MAX	34	39 28	44 35	60	70 39	43	58 39	60	66 56	63	64	60	56 34	56 36	61 45	74	74	72	68 40	65 35	60 43	60	75 50	80 59	67 45	57 46	66 52	64	26 18	27 11	25	57.
HEIDELBERG LOCK 14	MAX	32	38 28	43	53	60	44	58 28	55 36	68	62	60	47	47 35	51 38	62	70 37	65 42	72 39	70 42	46	44 28	52	53 43	71	65 52	60 51	54	56	39	29 13	34	53.
HENDERSON 4 SW	MAX	32	39	53	61 48	58	47	60	62 45	63	56	43	39	42	47	70	62	41	67	57	39	43 18	42	63 36	64 59	59 34	39	61	61	27	21.	30 16	49.
HINDMAN SETTLEMENT SCH	MAX	29	30 20	40	46 32	66	60 31	42	55	57	65	67	52	40	48	49	65	72	50	72	45	42	50	55 41	65 47	73 52	60 52	63 49	67 48	51 26	29 15	36 16	52. 34.
HOPKINSVILLE 2 E	MAX	34	40 23	58 38	64 44	56	47	59	62 33	72 46	64 45	50 40	46 31	38 35	54 36	67 42	60 50	55 27	67 25	38	45	46	50	66	70 45	65	56	63	50	30 10	24	30	52. 31.
IRVINGTON	MAX	29	38 25	49	60	60	45 29	57 33	56 44	66 50	59	48	41	40	53	62	61 41	43	69	69 26	40	45 31	44	60 38	64 56	57 40	47	62	64 29	29 15	25 7	29 17	50.
LE ITCHF IELD	MAX	32	41	49	63	57	45	57 30	56 42	68 49	66	53 40	46	39	47 36	58 44	62	46 31		68 29	41	47 31	46 37	63 39	62 56	57 40	51 38	63 36	64 29	30 14	24	26 19	51.
LEXINGTON WB AIRPORT	MAX	27 20	38	47	59 45	59	42	55 33	50 42	66 48	63	42	36	40	55	62	69	42	69 35	48 23	36 19	47 31	46	59 41	62 53	53	58 43	63 43	50 27	27 12	27 10	26 13	49.
LOUISVILLE STAN WB AP	MAX	29	40 27	49	61 47	62 35	43 30	56	57 47	67 53	60 43	44	38	43	57	61	62	39	71	43	39	46	44	63	66	46	48	66 41	51 26	26 12	26	28	49.
LOUISVILLE WB CITY	MAX	30 26	41 27	48	60 46	60	43 30	55 37	57 47	86 52	53 42	42 35	37	42	53	61	61 39	39	70 33	43 25	38	45 33	41 35	61	64 42	45 40	46	64	51	25 14	28	28 22	46.
LOVELACEVILLE	MAX	40 24	42	56 41	63 52	52	48	60	63	68 51	57	48 41	44 35	48 36	57 42	72 52	70 40	40 25	65 25	50 29	42	44 33	47	63 37	61 50	50	38	63 36	62 30	30 12	20	30 13	51.
MADISONVILLE	MAX	35	41	53	64	60	45 31	60	62	66 52	64	49 43	44	45	49 41	68	63 45	42	70 27	60	44 20	46 32	44 36	64	67 55	56 38	42 36	63	64	30 13	24	32	52.
MAMMOTH CAVE PARK	MAX	35 18	30 20	47 29	57 45	65 43	45 28	45	58	59	70 50	70	51	36	45 33	52 44	64	70	54 32	72	33	46	46	53	66 47	65 42	58	46 46	66 41	42 15	22	25 21	51.
MAYFIELD 2 S	MAX	37 21	41 25	55 38	63 48	59 30	48 25	58	62	71 49	65 39	50 38	45	52 32	58 38	71	67	44 21	67 23	52 25	43	45	47 32	67 35	65 45	54 32	40	63 34	62 26	31	21	30 10	52
MAYSVILLE DAM 33	MAX	34 23	36 20	42 30	51 38	61 41	42	57 30	55 30	67 49	51	50 37	39	42	49	55 28:	64 45	59	72 37	68	38	46	46	45 38	64	61 47	57 43	49 42	64 35	35 21	28 11	29 24	50. 33.
MIDDLESBORO	MAX	31 18	40 24	47	56 38	58 50	51 32	55 30	52 34	67 45	68 39	64 45	62	54 35	52 37	64 36	70 42	67 43	71 47	69	54 24	52 36	59 44	62 52	70 58	66 58	63 59	64 55	64 46	51 26	17	40 27	58. 39.
MOUNT STERLING	MAX	33		45 35	60 40	60 40	42	57 32	55 43	67 50	64 45	63 39	42 32	44	52 36	64 33	69	68 33	71 36	69 32	44 28	46 20	47 39	56 40	65 55	59 46	56 43	65		29	29 23	35 14	53. 34.
MURRAY	MAX	35	43	55	62	59	49	62	64 45	74 54	64	53	44	52 36	59 42	72 33	65 42	42	68 28	45 29	45 21	47	50 38	61 40	66 47	59 38	42 36	63 39	62 30	33. 14	22 9	32 10	53.
OWENSBORO	MAX	31 25	39	52	61	60 34	46 28	58	60	65	60	48	43	41	45	68 33	60 53	42	67 26	63 29	43 19	44	42	57 35	64 55	56 36	44	61 36	60 36	29 12	23 7	29 15	50 32
PADUCAH NO 5 PIRE STA	MAX	44		49		63	44	47	63	61	70	51	46	40	51	56	72	54	34	67	34	42	45	48	66	60	39	40	63	42	22	22	49
DIREAITTE	MAX		41 26	47	65 46	61 53	54 32	63	54 35	73 27	69 42	57	44	56 33	53 32	68 32	77 39	58 44	76 45	70 40	44	51 30	57 47	60 48	74 53	64 55	65 54	61 51	66. 50	50 26	33 18	41 29	57 38
PRINCETON	MAX	37	40	54	64	59 34	48	63	64 41	71 54	59 45	49	44	41	52 37	71 46	64 41	41 28	69 27	60 28	43	45 31	46	68	66 53	53 37	54	63 38	51 30	30 13	22	32 10	52 33
RICHMOND TEACHERS COL	MAX	27	40	45	62	60	43 28	57 31	52	68	70	62	42	42	53 35	65	70	60 35	72 34	67 32	40 19	47	47	61 40	65 57	60	60	63 42	63 41	33	27	28 23	53.
			. 25	35	39	33	20	31	79	20	43	30	33	32	33	31	01	30	0.4	02	13	50	50					- 04		-			

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KENTUCKY JANUARY 1949

Transference William (1)	STATION RETILEMEN ACAD  MAX 30 4 02 48 64 60 62 53 14 25 58 59 45 58 59 45 69 46 58 58 17 74 62 51 41 50 68 77 86 78 78 78 78 78 78 78 78 78 78 78 78 78		LY	TE	M	PΕ	RA	TU	JRE	S											J	ANUAR	Y 19	49										
ST JOIN RETILLIEW ACAD  MIN 22 23 74 6 36 28 31 42 52 48 64 52 58 45 57 56 69 66 56 45 33 37 40 52 23 1 30 30 19 31 37 40 57 41 40 40 31 15 7 19 34.3  SCIENCE BILL  MAX 30 42 48 64 60 44 57 53 68 71 67 55 69 69 67 67 53 68 71 67 67 53 41 48 64 69 60 70 67 33 50 21 33 41 44 58 67 48 45 33 18 10 24 35.7  SCOTISVILLE  MAX 31 41 52 66 60 46 58 58 71 74 68 58 71 74 68 61 74 78 78 78 78 78 78 78 78 78 78 78 78 78	STRIATIVILLE 2 T MAX 32 40 45 56 56 45 38 10 47 47 33 34 32 36 48 36 38 30 37 47 47 33 33 23 38 34 48 48 48 48 48 48 48 48 48 48 48 48 48	Table 5-Continued		T	1							_	_				D	ay of	month	1														erage
SCIENCE HILL  MIN   22   23   74   65   64   64   67   67   68   71   67   75   75   75   75   75   75   75	SCIENCE HILL  MIN 20 4 37 40 86 40 0 44 57 53 68 71 67 53 41 48 68 60 60 73 07 67 45 48 54 68 71 67 65 68 71 67 67 68 72 68 71 67 67 68 71 67 67 68 71 67 67 68 71 67 67 68 71 67 67 68 71 67 68 71 67 67 68 71 67 67 68 71 67 67 68 71 67 67 68 71 67 67 67 67 68 71 67 67 68 71 67 67 68 71 67 67 67 67 67 67 67 67 67 67 67 67 67	Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16 1	7 18	19	20	21	22	-	24	-+	-	-	-	-		-	
SCIENCE HILL  MAX   30   42   88   64   50   50   42   81   64   50   42   51   52   65   60   60   60   60   60   60   60	SCIENCE HILL  MAX 30 42 48 64 60 48 53 58 58 58 58 58 58 58 58 58 58 58 58 58	ST JOHN BETHLEHEM ACAD	MAX	X 34	4 40	48	62	59 36	45 28	57 31	56 42	69 52	66 49	56 40	45 34	39 33	52 37	62 30	62 5 52 3	1 3	0 7:	38	48 31	48 37										
SINGLET VILLE 2 W MX 31 41 52 66 60 46 58 73 50 54 71 74 62 51 41 50 67 73 74 66 67 74 67 75 74 75 75 75 75 75 75 75 75 75 75 75 75 75	SKILATVILLE 2 N MAX 31 41 52 66 60 46 58 83 83 50 52 58 71 74 67 55 39 46 57 30 72 57 73 67 36 66 46 49 55 66 71 67 61 67 66 37 726 28 78 78 78 78 78 78 78 78 78 78 78 78 78	SCIENCE HILL	MAX										- 1		53 35	41 32	48 37	66 45	69 52 3	0 7 15 3	0 61	45	48 32								ł			
SHELBYVILLE 2 W MAX 32 38 45 58 59 43 51 51 67 65 53 39 39 56 66 72 65 77 70 67 88 47 47 52 62 59 50 60 64 31 25 28 50.9 33.4  WILLIAMSTORN MAX 32 36 41 69 62 59 70 71 66 61 51 50 66 72 65 72 70 48 47 57 20 73 73 73 73 73 73 73 73 73 73 73 73 73	SRILBYVILLE 2 W MAX 32 38 45 58 59 43 51 51 67 65 53 39 39 56 66 61 57 70 67 38 47 47 52 62 69 50 60 64 31 22 28 86 50.  WILLIAMSBURG MAX 32 36 41 50 58 59 42 50 50 50 50 50 50 50 50 50 50 50 50 50	SCOTTSVILLE												62 47	51 36	41 35	50 39	67 46	73 6 57 3	7 34 3														
WILLIAMSURG MAX 33 44 48 60 61 46 62 57 74 439 49 41 33 37 37 32 32 04 44 65 77 53 51 46 44 65 75 31 44 39 49 41 33 37 32 32 04 44 65 77 53 51 46 44 65 75 31 44 45 75 31 41 42 31 11 22 36.6	#ILLIANSOURG MAX 33 44 86 60 61 46 62 59 70 71 66 61 51 50 66 72 55 72 70 48 47 57 67 75 68 64 64 65 48 33 35 57 27 70 48 67 57 56 81 64 64 62 31 35 57 27 70 48 67 57 56 81 64 64 23 11 22 36 64 64 67 87 87 87 87 87 87 87 87 87 87 87 87 87	SHELSYVILLE 2 W										67 47	65 47	53 37	39 33	39 32	56 35	64 34	61 52															
WILLIANSTORN MAX 32 36 41 50 58 39 52 52 60 60 47 36 38 49 59 60 57 68 58 54 45 46 44 62 60 45 62 63 42 32 29 47.9 41 40 46 46 34 31 30 34 33 53 32 31 29 17 28 33 38 43 40 41 40 33 17 6 20 32.4	*** TILLIANSTORN***  MAX 32 36 41 50 58 39 52 52 60 60 47 36 38 49 59 60 57 68 58 34 55 46 44 62 60 45 62 34 23 29 47.  MIN 20 20 33 39 37 27 33 41 46 46 34 31 30 34 33 53 32 31 29 17 28 33 84 34 00 41 40 33 17 62 20 32 35 35 36 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35	WILLIAMSSURG									59 37	70 44	71 39	66 49	61 41	51 33	50 37	66 30	72 59										64 46					
NATE OF THE PAN AND 16 27 32 44 88 60 53 48 59 59 72 76 51 40 40 40 50 77 40 67 50 40 40 50 77 40 67 50 40 50 50 50 50 50 50 50 50 50 50 50 50 50	MAX 37 32 34 45 56 66 75 48 50 56 67 48 50 56 67 48 50 58 57 57 48 50 58 57 57 57 57 57 57 57 57 57 57 57 57 57	WILLIAMSTOWN										60 46	60 46																					
		WOLF CREEK DAM				2 4	4 58	66	6 62 8 33	48 32	59 40	59 40	72 44	76 45	61 40	40 36	46 36	50 46	71 50	73 4 41 4	46 7 40 4	0 4	51 26	49 47	56 47	68 51	74 52	64 52	62 49	68 45	23	29 14	14	38.0

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## U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief

MAY 1 3 1949

# CLIMATOLOGICAL DATA

**KENTUCKY** 

THE LOTE TO THE

MAY 1 2 1949

105 ILLEDIO

FEBRUARY 1949 Volume XLIV No. 2





#### KENTUCKY - FEBRUARY 1949

#### O. K. Anderson, Section Director - Louisville

#### GENERAL SUMMARY

The past month was one of the warmest of its name on record, the average monthly mean temperature having been surpassed but three times since the beginning of record in 1889. With the exception of cold weather on the 1st-2d, and again on the 28th, daily mean temperatures were almost continuously above the daily normals, and in most sections more than twenty degrees above normal on the 13th and 14th.

Rainfall was considerably above the seasonal average. During the first half of the month precipitation was light and scattered, but became more frequent and heavier during the last half. Fairly heavy rains fell generally over the State on the 14th,15th, and 16th, and excessive rains of more than four inches in 24 hours in portions of the southwestern counties. The rains on these dates at most stations amounted to more than half of the entire monthly rainfall. The rainfield diminished in almost regular progression from over eight inches in some of the southwestern counties to less than three inches in the extreme southeastern mountain sections. Snowfall was unusually light for February, and fell in measurable amounts only in a few extreme northern and eastern sections on the last day of the month.

The prevailing unseasonably warm weather caused winter grains to grow at an abnormally rapid rate, but plants were generally in good condition and suffered little from the cold weather and temperatures well below freezing at the end of the month. Buds on trees and shrubbery advanced to a degree that approached the danger line from subsequent cold weather, but the cold period that set in at the end of the month was beneficial in checking this too early growth. Plowing made some progress on drier uplands early in the month, but in most sections the soil had not dried out enough for this work, and the heavy rains later in the month effectively suspended all of it. The preparation of tobacco beds started about the middle of the month, and a few beds had been planted before its close.

Rivers: The generally heavy rains about the middle of the month caused the Ohio River to rise rather rapidly for several days, the rise culminating in stages of from four to seven feet below flood stage in the upper districts, and a further rise above flood stage in the lower districts already in flood.

#### TEMPERATURE

The mean temperature for the state was  $43.1^{\circ}$ , which is  $5.9^{\circ}$  above normal for the month. The monthly mean temperatures ranged from  $48.1^{\circ}$  at Middlesboro to  $39.5^{\circ}$  at Anchorage and Covington. The highest temperature recorded in the state was  $79^{\circ}$  at Williamsburg, on the 14th, and the lowest  $0^{\circ}$  at Beaver Dam and Hopkinsville on the 1st.

#### PRECIPITATION

The average precipitation for the state was 5.35 inches, which is 1.87 inches above normal for February. The total amounts recorded at various stations ranged from 8.76 inches at Turkey Creek to 2.16 inches at Williamsburg. The heaviest rainfall reported in any one day was 6.20 inches at Turkey Creek on the 14th. The monthly average of snowfall was 0.1 inch or 3.5 inches less than normal. The greatest monthly amount was 2.7 inches at Maysville Dam; the least a trace at several stations. The greatest depth on the ground was 0.3 inch at St. John on the 1st.

## RETIREMENT

Mr. Ellwood E. Unger, Section Director of the climatological services for Kentucky, with headquarters at Louisville, retired on February 28, 1949 to pursue his lifelong hobby of raising flowers at a recently purchased ranch near Booneville, Indiana. Mr. Unger served in the Weather Bureau for 39 years, the last 6 of which were at Louisville. His replacement is Mr.O.K. Anderson.

#### ACKNOWLEDGMENTS

- 20 -

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydroclimatic Network is a national model of rain gages -- mostly of the recording type which produce continuous reactions for precedention. The seathlished in one of the recording type which produce continuous reactions for the seathlished in one continuous reactions of the seathlished in our stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintout 2,000 recording, and 1,000 non-recording rain gages, has been maintout to the Weather Bureau by the Corps of Engineers. These transfers averaged shout \$250,000 per year hetween 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred shout \$100,000 per year to provide data required in its \$25,000 per year to provide data required in its \$25,000 per year to per year to provide the program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in hulletins (Mydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may he obtained upon application to Chief, G.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

## PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

FEBRUARY 1949

	Sea lev	el pressure	extremes-in	ohee		Wind spee	d-mph		Rolativ	e humidity	Sunshine			
Station	Highert	Date	Lowest	Date	Average	Макенин	Direction of maximum	Date of maximum	1:30 a E.S.T	7.30 a E.S.T	1.30 p. E S.T	730 a E S.T	Percent of possible	Degree days 65 base
LOUISVILLE AIRPORT LEXINGTON AIRPORT	30.82 30.62	2 2	29.63 29.69	15 15	8.4 12.8	43	SW	15	77 80	79 82	83 65	66 70	47	662 882

### COMPARATIVE DATA

Table 1																				
	Т	emperatu	II 0	P	ecipitati	on		T	emperatu	re	P	recipitatio	on		T	emperatu	10	F	recipitati	on
Year	Average	Highest	Lowest	Āverage	Average	No. of days .01 or more	Year	Average	Higheet	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more
1889 1890 1891 1892 1893	34.1 45.6 42.2 42.2 37.7	74 86 76 70 70	3 16 0 11 3	1.91 7.98 4.72 2.92 4.40	1		1911 1912 1913 1914 1915	42.0 29.7 34.8 32.2 41.9	80 68 77 69 75	11 -14 - 2 - 2 13	3.25 3.08 2.94 4.14 1.74	0.4 3.3 1.4 7.2 0.2	9 7 7 11 8	1933 1934 1935 1936 1937	37.5 31.8 40.1 32.1 38.3	75 72 73 79 78	- 9 -19 5 -14	4.25 2.20 2.35 1.95 2.40	4.4 8.0 0.6 5.5 4.2	12 7 8 9
1894 1895 1896 1897 1898	34.6 25.9 37.4 39.8 37.4	74 80 81 76 77	2 -18 -12 8 - 3	4.66 0.66 3.06 5.75 1.61	1.2 2.6	5 9 11 6	1916 1917 1918 1919 1920	35.0 34.8 39.3 38.6 35.7	72 80 83 69 71	- 4 - 9 - 8 12 0	2.99 3.51 2.04 1.79 2.27	5.0 4.7 0.6 1.1 3.8	9 8 7 9	1938 1939 1940 1941 1942	45.7 40.3 36.1 33.1 34.1	77 79 68 68 67	8 - 5 2 3 2	2.39 8.03 4.56 0.66 2.62	0.6 4.0 5.6 2.1 3.2	11 14 13 6 10
1899 1900 1901 1902 1903	26.2 32.5 32.4 27.9 37.5	71 76 71 69 75	-30 - 9 1 - 3 -16	3.97 4.68 1.27 1.30 7.28	10.8 7.0 2.1 2.8 6.1	11 12 6 7 9	1921 1922 1923 1924 1925	41.3 41.3 34.6 36.0 44.0	77 76 74 71 76	11 - 4 - 9 8	3.20 3.58 4.67 2.56 3.91	8.9 0.8 1.6 1.9 0.6	19 10 10 9 9	1943 1944 1945 1946 1947	40.1 42.4 38.9 40.8 28.9	73 78 78 75 66	- 5 - 2 - 9 - 3 - 3	1.81 4.59 6.37 5.23 0.54	1.3 2.7 1.6 2.6 5.0	7 12 12 11 5
1904 1905 1906 1907 1908	35.2 27.9 34.7 35.7 35.6	75 67 75 73 70	- 2 -16 -12 -10 2	2.32 2.44 1.81 3.06 5.56	2.6 3.9 5.9 7.6 3.1	7 9 7 9	1926 1927 1928 1929 1930	41.1 45.6 38.1 31.2 45.1	70 81 72 68 80	15 5 -14 2	3.14 2.65 2.48 3.58 3.49	1.4 4.2 1.0 12.6 0.5	19 11 10 9 8	1948 1949 PERIOD	38.8 43.0 37.2	79 79 86	- 5 0 -30	5.01 5.35 3.48	9.5 0.1 3.6	11 9 10
1909 1910	42.4 32.9	75 66	- 8 -12	8.17 4.70	1.0 11.9	11 10	1931 1932	41.6 46.7	76 82	12 15	3.20 3.36	0.3 T	8 8							

Table 6

## CLIMATOLOGICAL DATA

FEBRUARY 1949

				Tempera	iture				Precipitation											
							No. o	of days					Sno	w, Sleet, F	Iail	N	lo. of da	ys		
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	25 or more	1.00 or more		
WESTERN DIVISION		-			-	<del>                                     </del>	_	-		-			-	~ 0	-	-	- '4			
BEAVER DAM FERRY DAM 50 GREENVILLE 2 W HENDERSON 4 SW HOPKINSVILLE 2 E	40.4 42.2 43.2M 41.3 41.2	2.5 3.9 4.9 1.9	69 70 70 69 70	14+ 15 15 15 15	0 16 7 12 0	1 1 1 1 1		19 15 17 17	5.63 3.77 6.89 4.45 7.18	2.19 .65 3.52 1.51 3.52	2.50 2.15 2.95 2.67 4.75	14 14 14 14 14	т	1 2 2 2	1 1 1 1	8 7 9 8 7	5 2 5 2 5	2 2 2 1 1		
LOVELACEVILLE MADISONVILLE 1 SE MAYFIELD 2 S MURRAY OWENSBORO	41.9 42.1 42.1 43.4M 40.5	1.9 2.0 2.5 4.1	66 68 69 70 65	21 14 15 8 8+	8 9 7 2 5	1 1 1 1		17 17 17	6.42 7.35 6.99 4.89	2.52 4.00 3.00 2.04	3.59 5.17 3.29 2.57	14 14 14 14		2	1+	6 8 7 6	4 3 4 4	1 1 3 2		
PRINCETON RUSSELLVILLE	42.3M 41.9M	3.5	71 70	15 15	9	2 1+			8.40 8.56	5.05 5.10	4.41 4.80	14 14		т	1	8 7	6	2 2		
DIVISION	41.9	3,1							6.41	3.01	-1,00					'	"	-		
CENTRAL DIVISION																				
ANCHORAGE BOWLING GREEN WB AP BURGIN DIX DAM CAMPBELLSVILLE COVINGTON WB AIRPORT	39.5 42.4 44.4M 43.9 39.5	4.7 3.1 4.6	69 70 68 71 67	15 14 14+ 14 15	5 2 13 7	2 1 1 1 1+		16 14 14 16	4.30 7.39 6.07 7.37 3.03	1.48 3.37 2.87	1.82 2.72 2.05 3.30 1.13	14 14 14 14 14	T T	2 2 2	1 1	8 11 9 9	4 5 6 5 3	2 4 3 3		
DANVILLE FRANKFORT LOCK 4 GREENSBURG IRVINGTON LEITCHFIELD	43.9 44.0 44.1 41.9 41.9	7.7 7.2 7.0 5.0 5.1	71 70 70 68 68	14 15 14 14+ 14	11 7 5 7	1 1 1 1		13 14 13 15	5.95 4.50 7.95 5.03 6.22	2.29 1.13 4.34 1.97 2.71	1.99 1.45 3.50 2.10 2.66	14 14 14 14 14	T	2 2 1 2	1 1+ 1+	8 8 9 8 9	7 6 7 5 6	2 2 3 2 2		
LEXINGTON WE AIRPORT LOUISVILLE STAN WE AP LOUISVILLE WE CITY MAMMOTH CAVE PARK ST JOHN BETHLEHEM ACAD	40.6 41.4 42.6 41.5 42.0	5.2 5.4 5.4 4.5 6.2	66 69 70 70 68	15 14+ 15 15 14	9 10 18 4 2	1 1 1 1		16 15 13 16 17	5.86 4.06 4.04 8.01 7.94	2,24 .51 .49 3.89 4.36	1.90 1.39 1.57 3.86 3.50	14 14 14 14 14	T T	2 T T 2 3	1 15+ 15+ 1+ 1	9 8 7 10 5	5 5 5 6 5	3 1 1 2 2		
SCIENCE HILL SCOTTSVILLE SHELBYVILLE 2 W WILLIAMSTOWN WOLF CREEK DAM	44.1 45.0 41.6 40.5 44.6M	7.5 6.4 6.1	70 74 68 65 74	14 14 15 15 15	14 8 5 10 13	1 1 1 1		12 12 17 17	6.40 6.32 4.82 4.21 4.35	2.74 1.20 1.31	2.39 1.70 1.70 1.89 1.64	14 19 14 14 20	T T	T 2	1	11 12 11 10 7	6 4 7 5 5	3 3 2 1 2		
DIVISION	42.5	5.7							5.69	2.31										
EASTERN DIVISION																				
ASHLAND DAM 29 BENHAM BEREA COLLEGE CORD IN FARMERS	45.1 45.4M 44.6 44.3 43.4M	8.1 6.7 6.6	72 74 70 72 71	15 15 14 14 15	16 17 15 16 8	2 2 2 2 2		15 14 13 15	3.39 2.86 6.01 2.75 5.68	.09 2.76 2.59	.66 1.26 2.70 .84 1.68	16 16 14 19 14	0.5 0.5 T	T T	28 28 9 11 1+	10 11 8 4 9	6 4 2 6	1 2 1		
HEIDELBERG LOCK 14 HINDMAN SETTLEMENT SCH MAYSVILLE DAN 33 MIDDLESBORO MOUNT STERLING	43.6 43.4 41.9 48.1 44.0	5.9 7.3 8.3 9.4	71 70 68 74 68	15 15+ 15 14+ 15	12 14 8 19 13	2 2 1 2 2		14 17 16 12 13	5.32 4.82 2.63	1.64 1.64 -1.57	1.85 1.37 .89	14 14 15	0.5 2.7 T	T 2	1+	10 10 7	6 7 4	1		
RICHMOND TEACHERS COL WEST LIBERTY MATER WKS WILLIAMSBURG	42.8 45.2M 46.4	5.8 7.1	68 71 79	14 15 14	12 15	2 2+		16 12	6.65 4.65 2.16	3.31	1.98 .95 1.05	14 14 16	0.2	2	1	8 9 7	7 8 4	3 1		
DIVISION	44.5	7,2							4.27	1.09										
STATE	43.1	5,9							5.35	1.87										

## EVAPORATION AND WIND MOVEMENT

Station																Day	of m	onth															_	three	-
outdo!!		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota	Depar	nom
OLF CREEK DAM	EVAP	17	6	24	.164	.013 12	.005	.111	4	-140 53	.054	67	.170	.145	.069	.073	.032	.040	.064	M 26	И 27	.047	.042	.066 48	.076 16	.030	.060	.065 25	.042 69					1.63	24B 59

Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day IS	of n	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADDISON DAM 45 ADOLPHUS 1 N ALLEN ANCHORAGE ASHOAMP	Т	-	15	. 30	.01	Т	.08		.07	.05				2.06 .50 1.11 3 1.62	-		.06	10	.66 .35 .64	.42 .90 .60 .04	7	26	T .06	7	7 02 01	20	.15	16 27 20 02 .46	20	30	4 68 4 36 3,80 4 30 3 26
ASHLAND DAM 29 BARBOURVILLE WATER WES BAROSTOWN BASS 3 SW DAXTER HARLAN WATER WES	.02			.39 .10 .35 .05 .26 .31			.13 .06 .10 .02		.10		.23	,		.14 .60 2.66 2.00	.51	.66	.17	.06	.53	.45 .60 .53 1.20			.16		.03		.26	.46 40 06 .41			3 26 3 3W 6 31 3 51 2.69
SKAVER DAM SENIAM BEREA COLLEGE BEREA WATER WORKS BOSTON 2 SW	.03		.05	.43 .10 .25 .26			.04 .15 .16		.02	.05			.76	2.30 7 2.70 2.83	1.05 .08 1.12 1.01	1.26	.22		.72 .30 .78 .31	.26 .26 .67		T T	.02	.13 T			.06	T .60 .25 .60 38			6.63 2.86 6.01 6.67 3.61
BOWLING GREEN BOWLING GREEN SUBSTA BOWLING GREEN WB AP BRENT DAM 36 BROWNSYILLK LOCK 6			.24	.29 .33 .03 .05		. 13	.03						1.2	3.55 4.18 2.72	2.00 1.89	.45		.02	.45 .60 1.43	1.14 1.00 .8I .72		. 03	T .08	. 03	.03		.31	.27 ,30 T .14			8.32 8.72 7.39 3.36 6.84
SURGIN DIX DAM BURNSIDE CADIZ LOCK E CAMPBELLSVILLE CARROLLTON LOCK 1	Т			.37 .23 .49 .40	т		.18 .06						.66	4.25 3.30	1.32 .84 .85 1.21 1.40	.35 1.15 .33			.10 .75 .10 1.24	1.06 .80 .46 .10	т		.03 .08 .03	т	.13 T		.23	.42 .45 .12 .17 .15			6.07 4.37 6.78 7.37 3.40
CENTRAL CITY 1 E CLINTON COLLEGE BILL LOCK 11 COLUMBIA LW COLLEGE CONSTANTINE			.36	.01 .03 .55 .12			.16						3.06	1.42	1.05	. 55		-	.12	.34	1.20						.05	.53			5.48 6.82
CORBIN CORBIN WATER WORKS COVINGTON WB AIRPORT CYNTHIANA DANVILLE	т		T .03	.08 .14 .04 .23 .53		.02	T .12 .04 .22		.02 T	T	Т		.01	1.13 1.49 1.98	T .83 1.09 1.02	.19 1.18 .52 .48			.84 .56 .47 .06 .28	.13 .46 .82 .89	т	. 07	T .13 T	T .02	T T	т	.18	.27 .38 .02 .34 .43			2.75 2.99 3.03 4.72 5.85
DAYELLA DELPRIA DEMA DUNDEE BARRETTS FORD SRA DUNDOR			.06	.14 .20 .18 .45 .48			.13			. 03			.15		1.50	.15 .50 .96 .22 .50	.40		.74 .30 .42 .16 .28	.18 .51 .60 .44		.08			.14		-	.20			2.20 5.62 7.28
DUNVILLE LOCK F EDMONTON ELIZABETHTOWN WATER WKS FALMOUTS	т			.60 .25	.65	т	•						T T	1.90 2.95 1.45	1.00	.20			1.00 T .86 .73 T	.40 .22 .70 .45		т	.02	т	.25		. 38	.75 .09 .38 T			7.90 6.13 3.00 8.43 4.50
FARMERS FLEMINGSBURG FLEMINGSBURG POST OFF FORD LOCK 1 FORDS FERRY DAM 5	T		.16 .65	.58 .31 .14		.14	.08						. 35 1.41 T	1.68 1.49 1.02 1.82 2.15	.71	.74		.11	.16 .81 1.01	.76 .91 T	т	.10 .02 T	.15	т	.03		.43	.60 .44 .02 T			5.68 4.66 4.36 5.71 3.77
FRANKLIN WATER WORKS GEORGETOWN WATER WORKS GEST LOCK S GLASGOW			.38	.29 .12 .33 .13			.20 .11						1.73	1.48	1.09 .43 1.45 1.47	.40 .56 .27 .53			.06 .86 .91	.62 .67 .63 1.05	т		.11		. 01			.35			4.50 5.74 - 4.45 7.83
GRANT DAM 38 GRAYSON GREENSBURG GREENSBURG HIWAY 61 8R GREENUP DAM 30	.19	Т	.10	T .45 .40 .33	. 35		.04 .05 .30 .28 .03						. 40	.57 1.08 3.50 3.39 .78	1.42 .37 1.35 1.30 .35	.14 .63 .43			T 1.15 .45	.51 .71 .20	т	.10 T	.09 .23 T	т	.03 T		т	.10 .41 .60 .44			3.19 3.88 7.85 6.ú8 3.39
GREENVILLE 2 W HALEYS WILL HARTFORD 6 N HAZARD HEADQUARTERS	.16		.03	.67 .01 .40 .10		T T	T .08		. 02	т			. 32	2.95 2.83 2.56 1.53	.90		.12		.75 .63 .75 .38	.05 .01 .42 .40		T .02		.17 .08 .18			.09	.03			6.89 6.90 5.60 2.93
HEIDELBERG LOCK 14 BENDERSON 4 SW 8ERNDON BICKSVILLE BIGE SRIDGE LOCK 7	.04 T		т -	.19 .23 .54 .68		T .06	.15						2.08	1.85 2.67 3.03 5.45 1.69	.87 .93 1.18 1.06 1.29	.72			.28 .20 .78	.96			.07	.15	.02 .33 T		.04	.32 .01 .12 .21			5.32 4.45 7.90 5.70
SINDMAN SETTLEMENT SCH BODGENVILLE NAT PARK BOPKINSVILLE 2 E HYDEN 1RVINGTON			.44	.21		.09	.36		.05					2.54 4.75 2.10	1.03 .98 2.10 1.05		.13		.46 1.13 .23		.40 1.03	т	.01	T T	.02		.22 .45 .17	- .13 T			6.46 7.18 3.58 5.03
JACKSON JENKIMS WATER WORKS JEREMIAH KEENE 2 N KENTUCKY DAM	т			.22 .30 .40 .62	Т		.08 .13 .15 .25		.05	.15	.13		т		1.15		.04		.35 .37 .19	.67 .35 .87 .92		.02	.07		.03			.44 .36 .68 .35			5.13 2.89 3.25 5.96 6.22
LANCASTER ICE PLANT LAURA LEITCHFIELD LEXINGTON WB AIRPORT LISERTY			.23	. 52 . 20 . 45 . 07 . 30	. 05 T	.13	.32 .21 .02 T			.05 T			. 78	3,24	.88 .42 1.51 1.09 1.11	.30 .92 .43	.17		.42 .25 .38 1.16 1.00	.91 .55 .55		T . 02	† 10	т	. 01		. 48	.56 .53 .21 T			6.26 4.43 6.22 5.86 7.96
LITTLE BICKMAN LOCK 8 LOCKPORT LOCK 2 LOGLICK 1 S LONDON POST OFFICE LOUISA LOCK 3			.54	.61 .35 .12 .21 .50		.14	.26						. 31	2.02 1.40 1.89 8 .84 .54		.17		. 03	.3S 1.29 1.05	1.00 .80 .01 .02 1.00		. 03 T	,11	.05	. 04 T		.52	.41 .20 .04 .28			6.39 4.59 5.55 3.75 3.99
LOUISVILLE STAN WE AP LOUISVILLE UPPER GAGE LOUISVILLE WE CITY LOVELACEVILLE LUCAS MATFIELD SUBSTA	т		.35 .61	.34 T		.03	.03						.63	1.63 1.57 3.59 1.90	1.16 .75 .90 1.38	.20		. 02	.60 T .34 T 1.68	.52		.02 T	. 03	.03 T	.02		.16 .14 .35	T .13			4.06 4.08 4.04 6.42 6.93
MADISONVILLE 1 SE MANMOTH CAVE PARK MANCHESTER MAYSVILLE DAM 33 MC KINNEYSBURG	.08		14	.72 .68 .54 .20 .27			.20 .14 .12			. 06			26	1.37		.18 .31 1.00 .70	т		.60	.24 .73 .85 .15		т	.03	.05	.14 T		T .42	.22			6.01 3.82 4.82
MIDDLESBORO CITY BALL MIDDLESBORO MIDWAY 2 S MILLERSBURG			.19	.05 .05 .80 .11		.03	.16 .20 .03			. 09			.47	2.00 1.30	.89 1.20 .82	.45	•	•	.64 .20 .90	.85		.08	.10				.43 .22 .31	. 02			4.38 2.58 2.63 5.93 4.47
MONTICELLO MOREHEAD STA TEACR COL MOUNT STERLING MURRAY			.40 .4822	.20		.05	.08 1.15 .06	. 85						.80 1.37 1.67 3.29	1.20 1.17 1.23	.01			.91 1.14 .50	.04		.24		.02			.63	.07			6.77 5.00 6.18 - 6.99
OLNEY BILL. OLNEY ONEONTA DAM 35 OWENSBORO DAM 46	.01 T		.21	.14			.01 T						o T T		4.00 1.48 1.16 1.19	. 22			-	.76 .30 .20			.08	-	.04 .05			.18			3.53 4.89 4.38

# DAILY PRECIPITATION

KENTUCKY FEBROARY 1949

Station															Da	of m	onth															3
Siation	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ADOCAE NO 5 FIRE STA AUDCAE SCS NURSERY ADOCAE T V A AUNTSYILLE INEVILLE	т	т	.57	.51 .57 .41	.05		.10		.04				1.88	3.48 1.88 3.50 .90	.50	.17 .15 .82 1.54	.20		.05	.07 .05 .80		Ť	.01 .15 .03	.17	.20		.09	.09 .07 .50 .58				5.6 5.1 5.1 4.8 3.2
LEASUREVILLE 2 S RINCETON AVENNA LOCK 12 ICHMOND TEACHERS COL UMSEY LOCK 2			.10	1.61 .29 .85 .55			.10						.80	2.00 4.41 1.84 1.98 2.98	1.12	.90 .35			.48	.75 1.51 .50	1.28	.02	.03	.26	.10		.09	.05 .50 .53				3.8 8.4 5.5 6.8 5.6
OSSELLVILLE USSELLVILLE SUBSTA ADIEVILLE WATER WORKS T JOHN BETHLEHEM ACAD ALVISA LOCK 6				.24 .24 .26 .38		Ť							-	3.50	1.62 1.42 2.84 1.65	.56			.68 .65 .87	.39		.05		т	T .01		-	.27 T				8.5 8.3 7.8 6.3
ALYERSVILLE CIENCE HILL COTTSVILLE ERREE WATER WORKS HELBYVILLE 2 W			.09	.13 .24 .66 .35		.05	.04 .12 .15						.07	1.97 2.39 1.54 3.00 1.70	1.20 1.63 .93	.04			.95 1.44 1.70 .18 .38	.05 .25 .11	.25	.05 .02 .02	.04	T .03	.04		.25 .25 .23	.05 .20 .14 .13 .32				4.6 6.4 6.3 4.7
HEPRERDSVILLE MITHFIELD 4 S OMERSET SIWAY DEPT PRINGFIELD TEARNS			.31	.03		. 05	.14	.12						1.48 1.08 2.43	1.23	.35		.08	.21 .56 1.56 .96 .59	.52		. 02	.02		т		. 25	.05 .02 .21				4.2 4.9 6.7
UMMER SHADE SUBSTA ATHAM SPRINGS AYLORSVILLE OMPRINSVILLE OMPKINSVILLS TEL OFF			.35	.16 .06 .37 .06		.16	. 15						.84	.99 2.41 2.07 .30 .38	1.40	.62 .37 .01 .37		. 15	1.00 1.22 .34 1.25 .90	.82 .52		.02	T .06		т		.32	.42				4.7 6.8 5.3 3.7 3.5
URKEY CREEK SCHOOL YRONE LOCK 5 NIONTOWN DAM 49 ALLEY VIEW LOCK 9 ANCEBURG DAM 32	.05			.52 .32 .17 .72 .31	т		.10 .21 .10				т		т	6.20 2.00 1.98 1.56 1.23	1.55 1.43 1.39	.42 .55 .03 .63			.38	.50 .68 .03 *	1.31	т	.05	т	.13 T		т	.30 .55 .09 .44 .33				8.7 6.1 3.8 6.2 4.0
AYNESBURG 6 E EST LIBERTY WATER WES ILLIAMSBURG ILLIAMSTOWN OLF CREEK DAM			. 53	. 28 . 05 . 28 . 25		.20	.13	.07	т				.05	3.05 .95 1.89 .23	.87	.81 .84 1.05	.06		.46 .10 .36 .53	.92 .77 .27 .36 1.64		. 03		.02	.05			.57 .35 .30 .19				7.1 4.6 2.1 4.2 4.3
OODBURY LOCK 4				.50			.05							3,16	1.21	.46			. 60	.58			.01					.18				6.

						A	м Но	ur end	ina									P.	M. Ho	ar end	ina				
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	s	8	7	8	9	10	11	12
		ļ.	-				Li.							Ļ.	_		-	_	L	<u> </u>	_				_
													-3	ld-											
D1SON DAW 45 OLPHUS 1 N											.01						.01		.01	.02	.12	.10	.23	.03	.01
REA COLLEGE																					00	.03	.13	.05	.01
WLING GREEN WB AP RROLLTON LOCK 1	11											.01								.01	.02	.01	.03	.06	.05
NTRAL CITY 1 E INTON												.01		.01			.06	.21	.03	.07	.31	.10	.05	.01	.01
NSTANTINE		-	-	-	-	-	-	-	-	-	-	- 01	-	.01	-		- 00		- 14	-	-	- 1	-	-	
RBIN NDEE BARRETTS FORD BR	6																			.09	.05	.17	.11	.01	.08
MONTON																					.02	.03	.06	.03	.03
EWINGSBURG POST OFF RDS FERRY DAW 50																			.10	.04	. 06	.01	.04	.04	.07
ANKLIN WATER WORKS																					.02	.02	.02	.01	
ST LOCK 3 LEYS WILL																			.05	.19	.10	.01	.06	.05	.01
ZARD	1//																							.02	.02
RNOON LOCK 14	- //	-	-	-	-	-	-	-	-	-	-	_	-		_	-		-	-		-	.01	.03	.03	. 01
DGENVILLE NAT PARK XINGTON WB AIRPORT																				.01	.05	.27	.05	.02	.04
BERTY	11																					.06	.03	.01	.04
TTLE HICKMAN LOCK 8 G LICK 1 S	- 1/,																			.01	.06	.14	.31	.03	.04
NDON POST OFFICE																					.01	.10		.03	.01
UISA LOCK 3 UISVILLE STAN WB AP																					.03	.05	.04	.11	.15
CA5																					.02	.05	.02	.01	.02
YSVILLE OAW 33 KINNEYSBURG	1//																						.02	.01	.03
LLERSBURG																						.03	.05	.06	. 05
REHEAD STA TEACH COL NFORDVILLE		١.	_				_		_								-	_	_			.15	.15	.08	.08
IVE BILL																					.01	. 04	.01	.10	.05
ENSBORO DAM 46 DUCAH SCS NURSERY													.03			.01	.01	.08	.09	.14	.19			.02	•
MSEY LOCK 2																			.02	.09	.11	. 27	.02		
DIEVILLE WATER WORKS LYERSVILLE																							.01	.01	. 07
TTEFIELO 4 S WERSET HIWAY DEPT																						.03	.09	.10	.09
EARNS			-	-	-	-	-	-	-			-	_	-	-			-	-	-		-	-	-	-
THAN SPRINGS MPKINSVILLE																				.01	.04	.08	.08	.04	.10
IONTOWN OAM 49	11		-		-	-	_	-	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LF CREEK GAM ODSURY LOCK 4																			.04	.23	.10	. 05	.02	.01	.02
ODBORI DOCK 4													-4	th-					.04		.10	100			
DISON DAW 45		.01											•	-											
OLPHUS 1 N		.01	.01						.01																
RBOURVILLE WATER WKS XTER HARLAN WATER WKS					.01	.03	.01																		
REA COLLEGE		.02	.01	.02																					
WLING GREEN WB AP NTRAL CITY 1 E		.01		.01	.01	.01			.01																
INTON		.02	.01																						
NSTANTINE RBIN	6			-			.06	-	-			-				-	-	-	-	_					
NOEE BARRETTS FORD 8R		.01	03	0.1		01		03																	
MONTON EWINGSBURG POST OFF		.04	.03	.01		. 01	.01	.01																	
RDS FERRY DAW 50		.01	0.0							0.5	0.7														
ANKLIN WATER WORKS ST LOCK 3		10.	.02							.01	.01														
LEYS MILL.		.01		0.1	-01	.02	.02	.02																	
IOELBERG LOCK 14		.01	.03	.01	.02	.02	.02	-02	.01																
RNDON			-	-	-	.01	~	-	-	-	-								-				-	-	-
DGENVILLE NAT PARK NKINS WATER WORKS		.02	.01	.01		.01	.02	.01																	
XINGTON WB AIRPORT HERTY		.05	.01	.04	.01		.01	.01																	
TTLE HICKWAN LOCK B		.02	.06	.04	.01		.01																		

KENTUCKY FERRUARY 1949

Table 4-Continued						м и.	ur end	ina									D	м и	ur end	li			* * * *	ORUAR	1040
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
	-		3	-	5	0		8	9	10	- 11	12	1	2	3	-	ь	0	-	8	9	10	11	12	
LOG LICK I S LONDON POST OFFICK LOUISA LOCK S LUCAS MAYSVILLE DAM 33 MC KINNEYSBURG MIDDLSSBORO CITY BALL	.05 .03 .18 .01 .06	.05 .06 .01 .01 .09	.02	.01 .02 .05 .02 .03	.02	.01	.03	.02	.01			. 02	.01	.01			.01								.12 .21 .34 .05 .22 .16 .05
WILLERSBURG MORREEAD STA TEACH COL MUNNOROVILLE OLIVE BILL OWENSBORO DAM 46 PIESVILLE BUNGEY LOCE 2	.09	.02	-	.01	- • .01	- .41 .02	.01	.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.18
OWARSHORD AND 40 PIESSILLE WATER WORKS SADISVILLE WATER WORKS SALVERSVILLE WATER WORKS SALVERSVILLE WATER WORKS SALVERSVILLE WATER WORKS SALVERSVILLE WATER WORKS TATEAM SPRINGS	.01 .02 .05	.01	.02	.03	.05	.02	-	-	_	-	-	-	-	-	-	-			-	-	-	-	-	_	.41 .11 .02 .26 .13 .03 .17
TOMPRINSVILLE UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4  ADDISON DAM 45	.01	.03	.03	.04	-	.01	-	-	~	-	-	- -61	- h	-	-	-	-	-	.02	-	-	-	-	-	.06
ADOLPHUS 1 N BEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1 CENTRAL CITY 1 E CORRIN 6	-	-	-	-	-	-	-	-	-	-	-	-	-	÷	÷	-	.05	02	.01	.07	.03 .05 .04 -	.09	.02	.01	.07
DUNDEE BARRETTS FORD BR EDWONTON FLEWINGSBURG POST OFF FRANKLIN WATER WORKS GEST LOCK 3 HAZARD HEIDELBERG LOCK 14											.01	. 01	.01					. 01	. 23	.02	.01	.05	.01	.02	.01 .19 .14 .30 .02 .01 .04 .08
HERMOON BODGENVILLE NAT PARE LEXINGTON UP A IRPORT LITTLE HICKMAN LOCK S LOG LICK 1 LOMDON POST OFFICE LOUISA LOCK 3 LOUISVILLE STAN WB AP														.01		.04		.01	.02	.03 .05 .03 .04	.02 .11 .08 .01	.01 .03 .04 .05 .02	.02	.02	.13 .25 .19 .14
LOUISVILLE STAIN WB AP LUCAS L	-	_	_		_	_	_	-	_	-	_	-	_	_	_	_	_	.01	.01	.01	-	.01	.03	.02	.03 .25 .05 .03 .17 .05
SADIEVILLE WATER WORKS SALYERSYLLE SOMERSET BIWAY DEPT STEARNS TATHAM SPRINGS TOMPKINSVILLE WOLF CREEK DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.02	.07	.03	.02	.05	.02 -05 .05 .02 .16 .08
WOODBURY LOCK 4  ADOLPHUS 1 N BARBOURVILLE WATER WES BAXTER BARLAN WATER WES CONSTANTINE	.02	.01			-					_	_	-7t	h-	-	-		.02		.05	_	_		_		.03
EDMONTON FLEWINGSBURG POST OFF BAZARD HEIDELBERG LOCK 14 JENEINS WATER WORKS LOG LICK 1 S S // LOUISA LOCK 3	.02	.01 .01 .04	.07	.01		.14	.01		.01	.01															.02 .02 .10 .01 .13 .02
AVASVILLE DAM 33 MIDDLESBORO CITY BALL MILLERSBORO MORBEAD STA TEACH COL OLYE BALY STA TEACH COL EVENTLE SALYERSVILLE MILLERSVILLE MILLERSULLE MILLERS	.03 .10 .03 .05	.01		.02																					.14 .01 .03 .16 .03 .06 .08 .03 .04 .05
STEARNS TATEAM SPRINGS TOMPKINSVILLE SOMERSET BIWAY DEPT	.02	.01		.02								-81	h-			.03	.01	.01	.04	. 03					.04
BARBOURVILLE WATER WKS CORBIN 6 HAZARD //		.01		.05	.01	. 02						-91 -10													.06
JENKINS WATER WORKS PIREVILLE ADDISON DAM 45							.02	.07	.02	.07		-l3		.08	.11	. 01		.04	.03	. 04	.08	-11	10	. 21	.18
ADOLPHUS 1 N BEREA COLLEGE BOWLING GREEN WB AP CENTRAL CITY 1 E CLINTON CONSTANTINE		-	-	-	-	-	-	.02	.03	.02	.35	.01	.07	.08 * .12 .02 24	.11	.01 * .09 .02 - .14	* .04	.04	.03	.04	.08	.11 .23 .04 .06	.10 .17 .04 .06	.01	.96 .45 .45 .22 .26 .3.06
CORBIN 6 DUNDEE BARRETTS FORD BR EDMONTON							.01	.03	. 03	. 01	.01	.09	.08	.03	.12	.08	.05	.03	.03	.02	.05	.05	.14	.01 .28 .05	1.14

KENTUCKY FEBRUARY 1949

						A. N	(. Ho	ır endi	ng									P. N	f. Hou	r endu	ng					7
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
FIRINGSHING POST OFF FORDS TERMY DAW 50 FORDS TERMY DAW 50 FRANKLIN WATER WORKS GEST LOCK 3 RALEYS WILL. HE RIDEBERG LOCK 1 HE RIDEBERG LOCK 1 HODGENVILE NAT PARK LEXINGTON WB AIRPORT LITTLE HICKMAN LOCK 8 LOUNDAY ROST OFFICE LOUISA LOCK 3 LOUISALLE STAN WB AP								,03	.02	.02	.01	.03 .01 .15 .10	.10 .04 .13 .10	.05 .02 .09 .09 .10	.04 .11 .02 .08 .09 .09 .09 .06 .05	.02 .04 .03 .01 .15 .10 .03 .08 .09 .09	.06 .02 .01 .05 .14 .09 .20 .06 .08	.15 .08 .02 .27 .03 .33 .04 .12 .06 .08	.04 .05 .12 .02 .02 .04 .05 .05 .02 .01 .03	.06 .08 .23 .02 .03 .02 .11 .01 .19 .14 .02	.03 .12 .21 .02 .11 .32 .01 .07 .11	.04 .15 .26 .04 .04 .18 .07 .14 .01 .38 .01	.07 .19 .03 .06 .01 .23 .07 .03 .05 .35	.05 .16 .02 .05 .26 .16 .18 .02 .05 .09 .07	.07 .19 .08 .47 .20 .36 .20 .03 .05 .02 .03	.59 1.37 1.11 .39 2.04 .86 2.08 .96 .78 1.47 .52 .31
LOUISA LOCK 3 LOCK 1 LO													.02	.01	.01	.06 .06 * .02 .05 .01	.03 .01 * .01	* .02 .07 .07 .19	.02 * .04 * .06 .06	.02 .20 .03 * .04 .12	.05 .30 * .06 * .01 .05	.06 .26 * .03 .10	.02 .07 .19 * .03 * .04 .24	.13 .05 * .07 * .03 .03	.01 .12 * .08 * .07 .07 .07	.25 .59 1.16 .39 .47 .95 1.61
OLIVE HILL OWENSBORD DAM 46 PADUCAH SCS NURSERY RUMSEY LOCK 2 SADIEVILLE WATER WORKS SALYERSVILLE // SUITHFIELD 4 S	-		. 01	-	-	-	-	.02	.02 .02 .06	.03 .02 .02	.07	.01 .14 .02	.08	.06 .06 .13	.06	.08	.08 .01 .04 .03	.10 .01 * .04 -	.07 .04 .04 .04	.08 .05 .10 .05	.04 .06 .08 .05	.03	.05 .11 .25 .06	.06 .20 .35 .28 - .11 .09	.05 .26 .25 .23	.56 1.23 1.88 1.58 - .22 .51
SOMERSET HIWAY DEPT STEARNS TATHAM SPRINGS TOMPKINSVILLE UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4	-	-	-	-	-	-	_	-	-	-	01	-	.01 - .15 <b>-14</b>	.02 - .09	.09	.01	.10	.04 .05 -	.01	.02 .25 .05 -	.07	.01	.04 .05 - .01 .02	.04	.05	.02 .84 .20 06 1.37
ADDISON DAM 45 ADDLPHUS 1 N BEREA COLLEGE BOWLING GREEN WB AP CARROLLITON LOCK 1 CENTRAL CITY 1 E CLINTON		01 18 17	.10 * .77 .15	.20 * .30 .20	.21 * .15 .14 -	.35 * .26 .15 -	.10 .01 * .27 .03	.10 .12 * .42 .03	.06 .14 * .30 .01	.07 .01 * .12 .01	.05 .01 * .04 .01	.08	.07	.08	.05	.01	.01 .02	.07	.02	-	-	_	-	_	.01	1.64 .33 2.85 2.81 1.26 - 2.13
CONSTANTINE COBBIN DUNDEE BARRETTS FORD BR EDMONTON EDMONTON FORDS FERRY DAM SO FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL		05 15 09	.15 .10 .21 .02 .15	.20 .08 .08 .24 .03 .14	.27 .18 .09 .22 .30 .19	.30 .06 .16 .19 .17 .20	.32 .31 .19 .07 .24 .10	* .15 .17 .12 .08 .12 .05	* .20 .23 .08 .13 .03 .03 .35	* .13 .11 .02 .02 .04 .01	.19 .08 .14 .01	.03	.30 .01 .01 .02	.01	.01 .01 .07	.01 .01 .03 .01	.01	-	.02	-	.02	.01		.01		2.12 1.28 1.02 1.51 1.02 1.21 2.83
HAZARD HEIDELBERG LOCK 14 BERNDON HODGENVILLE NAT PARK JENKINS WATER WORKS LEXINGTON WB AIRPORT		03 66	.04 .50 .13 .09 .07	.13 .29 .23 .06 .48	.28 .25 .25 .25	.26 .45 .21 .28 .17	.22 .46 .34 .26 .36	.42 .20 .28 .25 .17 .34	.16 .13 .17 .20 .28	.20 .04 .30 .01 .06	.04 .01 .11 .15 .08 .23	.09 .02 .10 .06 .06	.01 .01 .05 .03 .05 .02	.13 .01 .01 .01 .10	.02	.06	.02	.10	.02							.36 1.80 3.03 2.54 .05 1.90 2.24 2.26
LITTLE HICKMAN LOCK 8 LOG LICK 1 S LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE STAN WB AP LUCAS MAYSVILLE STAN WB AP LUCAS MYSVILLE DAM 33 MC KINNEYSBURG MILLERSBURG	*	06 01 08 12	.21 .01 .05 .16 .02 *	.11 .01 .03 .13 .25	.09 .08 .26 .34	.14 .07 .20 .31 *	.23	.03 .07 .06 .28	.26 .28 .17 .01 .20	.16 .19 .19	.12 .13 .03 .02 *	.09	.02 .08 .06 .11	.05	.01	:	.05	.01	.01 .01 .02	.01	.01	:	.01	:	1.59	1.89 .84 1.18 1.39 1.90 * 1.59
MILLEASONS TEACH COL MUNPORDVILLE OVERNEODO DAM 46 PADUCAH SCS NURSERY PIKEVILLE RUMSEY LOCK 2 SALYFRSVILLE		03 52 03 15 11	.12 .42 .07 .14 .16	.02 .06 .25 .04 .25 .31	.15 .07 .24 .05 .31 .31	.10 .18 .09 .23 .30	.24 .24 .09 .11 .20 .01 .22	.05 .34 .01	.25 .26 .19 .08	.10 .28 .08 .05 .03 .25	.01 .21 .01 .10	.08 .04 .01 .12 .01 .05	.01 .03 .01 .01	.01	.06 .01 .01	.03	.05	.01	.01	.02 .01 .01	.02	.02	.01	.01	.01	1.37 2.92 1.06 1.62 1.88 .57 2.01 1.97
SWITHFIELD 4 S SOMERSET HIWAY DEPT STEARNS TATHAM SPRINGS TOMPRINSVILLE UNIONTOWN DAM 49 VOLE CEFER DAM	/ -	13	.17	.17	.20 .03 .01 .20	.19 .06 .01 .25	.13	.25	.22 .01 .23 .19	.16 .01 .25 .10 .06	.22 .03 .08 .21	.05	.09	.02	.03	.02	.01	-	.05	.08	.02	-	-	-	-	1.48 1.08 .05 2.41 .30 -
WOODBURY LOCK 4  ADDISON DAW 45 ADDIPURS IN WATER WKS BAXTER HARLAN WATER WKS BEREA COLLEGE BOWLING GREEN WB AP		. 41	.22	.48	.09	.01	.02	.04	.18	.01	14	-	.07	-	- .32 .24 .05	- .22 .32 .03	.13	.01 .04	.01	.03	.03	.07	.11	09	03	1.00 - 1.16 1.17 1.20
CARROLLTON LOCK 1 CENTRAL CITY 1 E CLINTON CONSTANTINE CORBIN DUNDEE BARRETTS FORD BR FRIGHTON	١.	.35	.01	.75	-	.02	.10	.01	.01	.09	.01	.03	.04 .04 .02 .28 .05	.07	.04	.01	-	- - *	.01	-	:	-	:	-	-	1.15 60 -
FLEMINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL HAZARD // HEIDELBERG LOCK 14	4	.41	.10	.01	.01 .43 .67	.25 .01 .19 .19 .08	.15	.07	.14	.01 .12 .03	.15	.01 .08 .06 .01	.07	.01	.02 .05 .05 .02	.01 .03 .01 .01	.20	.02	.19	.14			.01	.01	.40	.93 .58 1.55 1.32 .79 .95 .67 1.18
HERNDON HODGENVILLE NAT PARK JENKINS WATER WORKS LEXINGTON WB AIRPORT LIBERTY LITTLE HICKMAN LOCK 8	/		.28	.20	.07	.37	.13	7 .14	.13	.08	.05	.04	.03	.02 .21 .03	.07	.02 .22 .01	. 03	.12		.04	.02	.04	.05	.05	.04	1.03 1.20 1.09 1.14 .81

See reference notes following Station Index.

- 26 -

KENTUCKY

FEBRUARY 1949

			A M Ho	ur ending			P M Hour ending			3
Station	1 2	3 4	5 6	7 8	9 10 11 12	1 2 3 4	5 6 7 6	9 10	11 12	Total
LOC LIKE S LOUISVILLE STAM W B AP LOCAS COPICE LOUISVILLE STAM W B AP LOCAS LOCAS STAM W B AP LOCAS M C KINNISSUBG WILLERSBURG WILLERSBURG WILLERSBURG WILLERSBURG WILLERSBURG WILLERSBURG WILLERSBURG WILLERSBURG WILLERSBURG COMMENSORS DAM 46 PADUCAN SCS NURSER COMMENSORS DAM 46 PADUCAN SCS NURSER COMMENSORS DAM SWITHFIELD & S SOMINSET RIWAY DEPT STEARNS TOMMENSORY LILE UNIONTOWN DAM 49 WOLF CREEK DAM WOLF CREEK WOLF CREEK DAM WOLF CREEK WOL	.01 •  .8 .57 .28 .05 .29  .01 .01 .02 .02 .01 .01	. 32 .29	.04  .05 .42 .27 .11 .31 .20 .01 .03 .7 .18 .04 .30 .29 .7 .08 .07 .7 .03 .03 .03 .03 .03 .03 .03	.02 .05 .07 .17 .23 .05 .09 .21 .18 .28 .28 .10 .05 .	00	02   01   06   08     3   06   01   06   08     9   08   04   03     7   05   02   01     2   02   03   05     4   01   03   05     4   01   03   05     4   01   03   05     5   02   01   17   18     6   06   01   01   17   18     7   02   04   17   18     8   02   04   17   18     9   03   02     1   05   07   02     1   05   07   07     1   07   07   07     1   08   08   09     1   08   09   07     1   08   08   09     1   09   03     1   09   03     1   09   03     1   09   03     1   09   03     1   09   03     1   09   03     1   09   04   09   03     1   09   09   09     1   09   09	.01 .05 .03 .03 .04 .01 .04 .01 .04 .01 .04 .01 .05 .03 .01 .01 .04 .06 .06 .03 .04 .01 .04 .01 .04 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	05 .03 .07 .	.03 .02	. 688 922 1.388 2.11.38 82 11.38 82 11.38 82 11.38 82 11.20 62 11.
ADOLPHUS 1. N BARDURYLLE WATER WES BARDURYLLE WATER WES BOWLING GREEN WE AP CENTRAL CITY 1 E CORBIN FRANKLIN WATER WORKS HAZARDS WATER WORKS JURKINS POST OFFICE LUCAS SOMERSET HIWAY DEPT STEAMS STEAMS WOLF CREEK DAM WOODBURY LOCK 4					7	9th-	.01	.01 .01	. 03 .02 .04 .01 .02 .01 .01 .03 .03 .01 .02 .03 .01 .01 .01 .01 .01 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.03 .06 .03 .01 -03 .03 .01 .05 .03 .02 .06 .10 .15 .11
ADDISON DAM 45 ADDIPHIS 1 N NATION WAS ADDIPHIS WAS AD	.08 .03 .03 .04 .05 .05 .05 .07 .07 .07 .07 .07 .07 .07 .07 .07 .07	.04 .05 .01 .01 .02 .03 .03 .03 .04 .04 .05 .04 .06 .01 .01 .02 .03 .03 .04 .04 .06 .05 .03 .05 .06 .00 .00 .00 .00 .00 .00 .00 .00 .00	.15 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10	.08 .12 .08 .04 .08 .04 .08 .04 .08 .04 .08 .04 .08 .04 .08 .04 .08 .08 .08 .09 .08 .08 .08 .08 .08 .08 .08 .08 .08 .08	08	77	.03 .04 .10 .06 .00 .00 .00 .00 .00 .00 .00 .00 .0	0.03		. 45 1.41 1.45 1.41 1.45 1.41 1.45 1.41 1.45 1.45
CORBIN 6 HAZARD HEIDELBERG LOCK 14 JENKINS WATER WORKS	.01 .01 .03 .02	.03 .01	* .02	.01						.04

KENTUCKY FEBRUARY 1949

Station					Α.	M. Hou	H SHO	ing										1. Hou	·						1
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
TTLE BICKMAN LOCK 8 // 5 LICK I 8 7 LICK I 8 7 LICK I 9 8 LICK 3 DODLESSORO CITY HALL 8 LEVILLE 1	.02 .01 .01 .03 .03 .01 .01	.01 .01 .01 .01 .01 .01	.02	.02	.01			.01	2.10																2
EARNS LF CREEK DAM					.01	.01	.01	.03				-22													
REA COLLEGE WIING GREEN WB AP NTRAL CITY 1 E	-	_	_	-	-	_	_	-	_	01	.03	.01	.01	.01	-	_	_	-	-	-	-	-	-	-	-
MINGSUBER POST OFF ST LOCK 3 ST LOCK 3 HORDON BE AIRPORT TILE BICKMAN LOCK 8 LICK 1 S LICK 1 S LISA LOCK 3									.03	.05	.03	.02	.02												
IISA LOCK 3 ZAS ZSVILLE DAM 33 KINNEYSBURG // LERSBURG	-	-	-	-	-	-	-	-	-	-	.01	.01	.08	.01	-	-	-	-	-	-	-	-	-	-	
LEKSBURG EEHEAD STA TEACB COL VE BILL EVILLE VIEVILLE WATER WORKS										.01	.14	.05	.04	.01	.14	_	_	_	_	_	_	_			
YERSVILLE THIELD 4 S THAM SPRINGS TOKINSVILLE										.01	.01	.01		. 03	.01	.01	.02	.01	.03	. 02					
DBURY LOCK 4											.01	-24	th-	•											
ISON DAW 45 LPHUS 1 N LING GREEN WB AP NOTON STANTINE	-	-	Ξ	-	_	-	-	ī	_	-	-	.01	.03	.01	.01	.01 -	-	-	-	-	Ξ	=	1	1	
DEE BARRETTS FORD BR ONTON DS FERRY DAM 50 EYS MILL NDON								.02	.06	.04	.06 .01 .07	.05	.01 .01												
DON POST OFFICE IISVILLE STAN WE AP INSBORO DAM 46 INCAH SCS NURSERY ISEY LOCK 2								.02	.08	.06	.02	.02 .01 .01	.01	•	•	٠	•	.05							
ONTOWN DAM 49								.01	.06	.04	.01	-27	th-		.06	.04	.02	.02	.02						1
DISON DAM 45  JUPEUS 1 N  REGURVILLE WATER WKS  TTER HARLAN WATER WKS  REA COLLEGE WES													.02	.11	.06	.05	.03 .07 .06	.10	.04 .01 .04	.01	. 02 . 04 . 04	.02	.02	. 03	-
KING GREEN WB AP RROLLTON LOCK 1 TTRAL CITY 1 E INTON (STANTINE	-	-	-	-	-	-	-	-	-	-	-	-	.05	-	-	.04	.01	.01		. 03	. 04		-	-	
RBIN 6 IDEE BARRETTS FORD BR													•	.01 .07	.14	.03	.07	.16 .01 .02 .05	.01 .01 .06	.01	.01	.07	.01	.03	-
WINGSBURG POST OFF DDS FERRY DAM 50 NKLIN WATER WORKS ST LOCK 3 LEYS MILL PARD													.05	.01	.04	.04	.02	.04	.03	.11	.06	.03	.02	.03	3
RNDON OGENVILLE NAT PARK	-	-	-	1-	-	-	-	-	-	-	.01	.03	.03	.02	.03	*	* .04	.05	.22	.10	.01	.04	- 01	.03	
WEINS WATER WORKS KINGTON WE AIRPORT SERTY TILE HICKMAN LOCK 8  J. LICK 1 S															.04	.02 .19 .05 .01	.04 .14 .14 .10	.05 .06 .07 .03 .18	.03 .20 .03 .05 .08 .06	.06 .02 .04 .04	.05 .01 .05 .03	.04 .05 .03 .06	.01	.01 .01 .01	1
SERIT TITLE HICKMAN LOCK 8 5 LICK 1 S MDON POST OFFICE UISA LOCK 3 UISVILLE STAN WE AP CAS														.07	.01	.04	.03	.10	.01	.02	.07	.06	.06	.04	
YSVILLE DAM 33 KINNEYSBURG DOLESBORO CITY HALL LLERSBURG REHEAD STA TEACH COL		-	-	ľ	-	-	-	-	-	-	-	-				.03	.07	.05	.06 .05 .06	.08	.08	.05	0.1		
NEORDYLLE IVE HILL ENSBORO DAM 46 DUCAH SCS NURSERY KEVILLE													.07	.05		.02	.03	.03	.02	.09		. 04	.02	.04	4
MSEY LOCK 2 DIEVILLE WATER WORKS	-	-	-	-	-	-	-	-	-	-	-	-	-	.08	.02	-	.01	.01	.06 - .01 .10	.01	.08	.05	_	_	
ITHFIELD 4 S MERSET HIWAY DEPT TEARNS THAM SPRINGS MPKINSVILLE														.05	.03	.09	.04	.05 .05 .04 .04	.02 .06 .05	.05 .01 .01 .05	.08	.01 .02 .02	.02	.01	1
IIONTOWN DAM 49  LE CREEK DAM  ODBURY LOCK 4	/											-28	.01 Bth-	.03	.01	.01	.02	.01	.02	.01	.01	.01	. 01		
ARBOURVILLE WATER WKS AXTER HARLAN WATER WKS ORBIN 6 LEWINGSBURG POST OFF	.03	3 .0		3 .01		.01	.0:	2 .02	.01			.01													

FEBRUARY 1949

Station LITTLE HICKMAN LOCK 8
LONDON POST OFFICE
LOUISA LOCK 3
MAYSYHLE DAM 33
MIDDLESBORD CITY HALL
MORREAG STA TEACH COL
OLIVE HILL
SAUTERSYHLLE
SAUTERSYHLLE
SOMERGET HIWAY DEPT

// .02 .04 .03 .01 .02

Table 4-Continued

Table 5-Continued

A. M Hour ending P M Hour ending 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 

#### DAILY TEMPERATURES

Day of month

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avere
					T	1			T-								-		-						-								
ANCHORAGE	MAX	32 7	37 5	44 19	38 34	34 26	50 20	45 19	65 23	55 34	35 25	45 16	63 33	61 53	64 49	69 36	51 28	50 21	57 30	50 40	50 37	56 33	52 36	52 35	53 35	51 32	50 32	53 27	42 24				50.1 28.9
ASHLAND DAM 29	MAX	40 22	43 16	55 18	55 38	48 33	62 23	65 30	67 22	58 37	53 34	45 25	69 28	70 38	65 53	72 46	53 37	55 25	67	65 43	62 41	55 40	64 39	60 30	56 32	57 36	47	63 27	57 27				58.1 32.1
BEAVER DAM	MAX	39	42	44 21	42 30	39 25	62 18	57 19	66 25	57 29	44 26	50 14	67	62 44	69 41	69 35	54 27	52	62 28	54 41	51 37	58 38	53 33	52 31	56 36	52 29	55 26	52	43				53.7
BENHAM	MAX	27	41 17	42 18	58 22	55 35	54 24	64	55 25	65 31	59 45	48	49	63	67	74	68	52	53	59	63	60	70	66	56	59	52 31	57	51 26				57.8
BEREA COLLEGE	MAX	41	41 15	53	48	41	63	58	66	61	51	47	65 33	65	70 54	67	53	49	62	60 49	58	60	58	54 33	58	52 34	53	58 29	45 25				55.6
BOWLING GREEN WB AP	MAX	38	40	43	43	41 26	61	49	63 26	49	46	51 20	65 46	64 56	70 56	68	54	53	58	54	54	57	57	55	55	46	55	56 32	36				33.6 52.9
BURGIN DIX DAM	MAX	37	40 15	49	47	44	49 25	49	65 24	64 38	50	47	66	65	68	68 43	65	55	60	58	55 45	62 42	61 45	54 37	55 38	54 35	51 33	58 31	24 47 27				31.8 55.1 33.6
CAMPBELLSVILLE	MAX	40 7	45 9	48 23	46 38	44	65 22	60	65 26	58	45	50 18	66	61 53	71 55	69	55 35	53 25	59	55 45	59 45	59 41	61	57	56 34	52	56	55	46				55 c 32
CORBIN	MAX	34 22	43 16	52 21	50 35	45 28	63 24	55 27	64 23	56 44	49 26	47 19	64 36	68 56	72	69	50	50	47 28	60	63	64 45	66	67	54	58 31	52 31	52 35	40				55.5
COVINGTON WB AIRPORT	MAX	31 11	38 16	43 23	41	39	55 26	39 21	60	49	40	42	61 34	61 49	64 51	67	46	46	60	52 43	49	52 36	50	49	50 38	42	43	54	34				48.5
DANVILLE	MAX	37 11	44 13	49	47 36	43	64	58 25	66	57 38	48	48 18	65 30	63 49	71 54	67	55 35	51	60	54	57	60	55	56	55	52 35	55 31	57 31	45 25				30.4 55.0 32.7
PARMERS	MAX	35 12	41 8	53 17	51 36	45	62 20	62 28	65 19	65 37	48	45	66		69	71	52 35	50	64	61 43	56 47	62	62 39	52 37	58 31	57 35	48	61	55				56.1 30.6
FORDS FERRY DAM 5	MAX	37 16	40 20	45 28	42	35 29	58 26	48	66	61	40	53	63	64 43	47 38	70	52 30	54 27	63	54 41	54	58 39	58 39	53	56 43	52	52 32	48 35	38 25				52.2 32.2
FRANKFORT LOCK 4	MAX	37	40	48 17	50 37	45 30	64 22	64 24	65 21	66 39	51	45	67	66 49	67 53	70	52	53	62	59 45	57 47	60 41	59	54 37	55 37	55	47	60	55				56.2 31.7
GREENSBURG	MAX	37 5	44	48 19	46 39	42 31	65 22	60 25	65 23	63 39	48	50	67	66	70 56	69 43	55 36	53	60	56 47	56 45	59 42	58 40	55 35	57	52 35	55	57	50				55.8
GREENVILLE 2 W	MAX	39	41 10	44	43		61 22	57	66 32	61	43	51 18	66 39	64 56	69	70 38	54 32	54 24	60	55	51 42	60	57	52 34	55	51 32	55 29	52 32	42				54.6
HEADQUARTERS	MAX	40	40	40	43	45	51	51	62	62	51	53	56	74	62	47	51	56	60	60	60	60	57	50	41 54	55	44	48	25 50				31.7 52.9
HEIDELBERG LOCK 14	MAX	33 16	41 12	51 16	47 39	45	64 20	62 30	65 18	62 35	48	47 18	64	67 36	65 46	71 47	53 36	53 25	60	58 45	58 47	62	62	59 38	59 32	53	51 35	57	45				55.8
HENDERSON 4 SW	MAX	37	39 17	43 27	41 32	34	50	46	64 31	59	39	50	63	62 45	51	69 38	50 27	52	62	56	51	60	59	60 35	59 44	52	53	47	39				31.4
HINDMAN SETTLEMENT SCH	MAX	38 24	35 14	42 16	57 20	52 35	41	62 25	48 19	64 22	58 39	48	49	65	69 54	70 56	70 42	48 26	48 25	64	56 49	62	68 41	67 38	53	64	45	31 55 30	24 56 28				30.8
HOPKINSVILLE 2 E	MAX	35	43 14	43 20	43 32	35 27	60 22	51 20	66	56	44 29	55 18	65 38	61 40	70 45	61	53	53 25	58 31	52 37	50	57 38	54	52 28	53	46	57	49	50				31.2 52.6
IRVINGTON	MAX	39	39	44 23	43 34	40 27	61 22	46	64	55	43	49	66 38	66 54	68 47	68	55 29	51	61	51 45	52	60	54 35	55 34	53	51 32	52	50 27	42				29.8
LEITCHFIELD	MAX	35	40	45 23	43 34	40 29	62	55	63 26	57	44	48	65 35	61	68 49	67 37	52 31	51 24	59	54	53	58 40	56 38	53	53	50	52	53	41				30.9 52.8
LEXINGTON WB AIRPORT	MAX	34	34	45 22	43	40 27	60	42	63	50	43	44	64	63 51	65 54	66 36	51 32	47	59 33	53	50	58	52	50 35	53 38	48	46	55	34				31.0
LOUISVILLE STAN WB AP	MAX	36 10	38 11	45	43	37	62	43	65	52 37	43 25	47	65	63 52	69 46	69 36	52 31	50	62	52 46	49	55 40	54 36	52 37	54 41	32 44 33	30 50 32	30 51 31	33				30.8
LOUISVILLE WB CITY	MAX	34 18	38 20	45 26	42 31	37 30	59 27	42 25	65 31	53	42	48	66	64	68 45	70 39	52	50 31	62	52 49	50 41	55 42	54 38	53	55	42	50	50	31				31.5 51.0
LOVELACEVILLE	MAX	38	43 16	43	40 35	37 28	54 26	51 18	65 26	64	44 28	55	64 42	61 45	54	54 39	53	57	61 28	57 42	58	66	64 41	39 53 31	55	53	57	55	38				53.4
MADISONVILLE 1 SE	MAX	40	43 10	43 21	42 35	35 29	61	51	66 27	60	42	50 18	66	63	68	57	60 30	53	62 29	52 43	50 40	61	54 37	52 · 34	56 41	31 54 32	56	53	23 39 25				30.4 53.2
MAMMOTH CAVE PARK	MAX	28	37	40 11	46 35	43	44	63	46	65 37	48	45	50	66	62 55		51	55 24	52 29	59	53	56	57	55	55	54	42	54	57				30.9 51.9
MAYSVILLE DAM 33	MAX	33	39	46	43	45	61 22	55 27	64 20	56 36	46	45 23	65 28	63 47	63 52	68	50 32	48 25	62 26	46 54 42	44 53 42	54	40 58 39	50	54	32 52 34	31 45 32	29 54	23				31.0 52.8 30.9
								See re	eferen										20			20	00	31	91	34	32	21					30.9

#### DAILY TEMPERATURES

FUNTUCEV FEBRUARY 1949

Table 5-Continued				_	_											Day	of mo	nth															egu
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	25	27	28	29	30	31	Ave
MIDDLESBORO	MAX MIN	41 25	49 19	50 24	55 41	55 31	64 25	59 36	62 25	65 49	57 42	51 20	63 30	71 49	74 61	74 53	55 46	56 30	60 30	56 44	67 50	69 40	69 49	65 37	57 36	55 44	61 30	57 37	48				59.4 36.8
MOUNT STERLING	MAX	35 14	41 13	50 22	48 39	44 31	61 25	58 21	63 26	63 40	48 33	45 21	64 32	65 51	64 55	68 43	58 35	49 25	61 31	56 46	55 45	60 40	59 44	50 35	55 37	55 33	49 36	58 30	49 27				54.7 33.2
MURRAY	MAX	40 5	45 13	44 25	44 25	41 30	60 25	52 21	73 29	61 33	47 31	56 21	66 44	63 55	70 45	70 30	50 34	57 27	60 36	55	53 44	63 42	60 43	55 30	57 30	54 32	61 33	57 35	40 24				55.5 31.2
OWENS80RO	MAX	40 5	43	41 24	39 33	33 26	53 23	47 21	65 29	60 30	43 29	50 20	65 37	60 48	56 40	62 40	50 28	51 24	62 30	54 41	50 33	60 35	54 36	50 34	54 40	51 30	57 29	50 30	40 23				51.4 29.5
PADUCAH NO 5 FIRE STA	MAX	30	37	43	43		37	60	49	68	47	43	56	66	65	70	54	52	58	54	54	56	66	54	54	56	46	58	48				52.7
PRINCETON	MAX	40 21	44	44 21	41 35	35 23	63 23	50 18	69 24	59 31	45 20	53 15	66 39	64 46	70 43	71 39	56 34	54 22	63 29	55 42	53 40	62 40	55 38	53 36	55 41	53 31		58 29	41 24				54.5 30.1
RICHMOND TEACHERS COL	MAX	36 13	38 12	49 21	46 38	42 29	63 22	57 24	64 23	59 39	46 32	46 18	64 25	65 53	68 53	67 42	54 34	48 22	60 23	56 45	54 45	59 40	57 45	52 34	54 35	51 32	57 30	56 30	44 24				54.0 31.5
RUSSELLVILLE	MAX	28 10	35 10	40 15	45 38	44	38 25	61 24	45 25	64 38	48 32	50 20	56 23	66 50	66 51	70	65 37	52 29	50 30	59 41	53 47	53 43	57 44	56 34	52 35	53 32	42 33	55 35	57 25				52.1 31.7
ST JOHN SETHLEHEM ACAD	MAX	37	38	45 20	45 35	40 30	62 20	59 24	63 23	62 35	48 31	48 16	63 32	62 50	68 51	67 38	53 31	50 22	59 31	56 45	54 43	59 38	58 40	52 35	53 39	52 32	50 31	50 29	43 23				53.4 30.5
SCIENCE HILL	MAX	35 14	42 15	47 22	47 39	42 26	63 20	56 27	65 24	58 43	46 38	49 18	65 34	65 52	70 54	69 43	52 38	51 26	60 27	55 43	58 47	61 41	60 44	57 34	57 38	52 36	55 30	54 33	45 24				54.9 33.2
SCOTTSVILLE	MAX	39	44	47	46 39	43 31	65 23	56 25	65 28	64 40	47 35	52 17	66 40	65 48	74 55	68 44	54 39	56 27	58 34	55 47	55 44	64 40	63 38	57 32	58 42	53 34	57 32	54 37	47 26				56.1 33.8
SHEL8YVILLE 2 W	MAX	35 5	38	43 19	42 34	41 28	62 22	58 21	64 25	61 34	47 31	45 17	64 32	62 46		68 37	51 30	49 22	62 30	55 44	53 41	57 38	56 41	52 35	55 38	53 32	49 31	55 28	49 23				53.2 30.0
WEST LIBERTY WATER WKS	MAX	36 29	42	55	48	46	65	48 34	65	62 33	65 30	46 31	49 28	66 29		71	70 39	53 30	50 28	64 29	55	59 43	63 41	61 39	51 34	59 35	40 34	49 33	59 27	1			55.9 34.5
WILLIAMSSURG	MAX	36 23	46 15	49 17	54	48	62 23	60 32	63 20	60 38	55 39		63 40	70 43		71 51	68 44	55 25	60 29	57 43	65 45	67 42	70 46	65 35	58 35	57 40	56 31	55 35	46 25				58.8 33.9
WILLIAMSTOWN	MAX	31 10	33 15	42	44	38 25	57 24	56 21	61 27	60 36	44 30	38 20	62 31	58 48		65 37	45 30	45 22	55 31	55 45	55 43	52 38	51 40	48 35		51 31	41 29		52 23				50.3 30.6
WOLF CREEK DAM	MAX		38		50 22	47	46	67 24	53 22	67 24	55 42		55 24			74 59	61 43	55 28	55 28	62	48 57	63 46	66 41				44 36						56.0 33.1

See Table 6 following Table 2.

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state hasis. There will be no duplication of numbers within a State

Delaysd data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tablee, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this hulletin are: Temperatures in 'F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, despoint values below 33°, and relative buildity values at temperatures helow 32°, are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these bygro setric values before and fater January 1, 1949, cannot accurately be combined without secessry conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gagee. Tracss are not shown

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of cheerwation. Ses the Station index for cheerwation time.

on time.

No record
And also on later dates.
And also on later dates.
Anount included in following measurement, time distribution unknown.
The unknown included in following measurement, time distribution unknown.

Factor control of the control of Subscription Price: 15¢ per copy; \$1.50 a year. (Yearly subscription includes Annual Sumanry) Correspondence regarding subscriptions should be addressed to the Weather Records Proceeding Center, 1300 U. S. Court House, Chicago 4, Illiands.

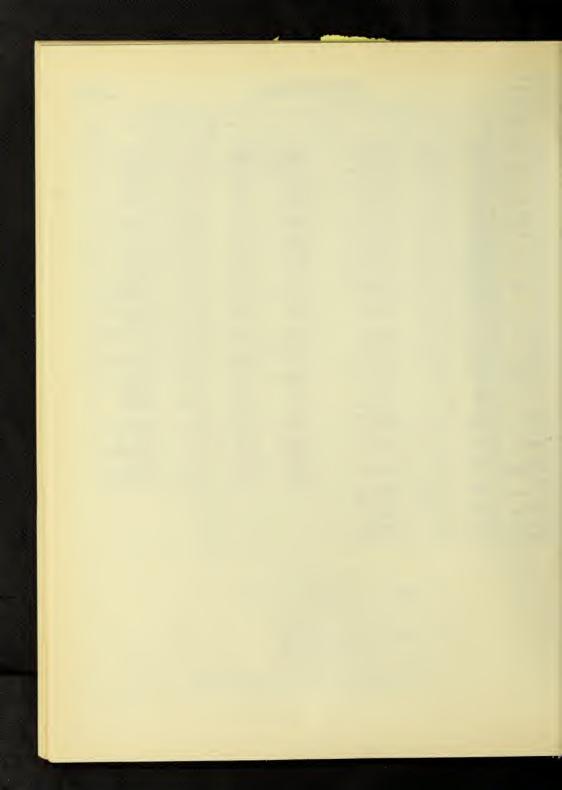
# STATION INDEX

KENTUCKY PEBRUARY 1949

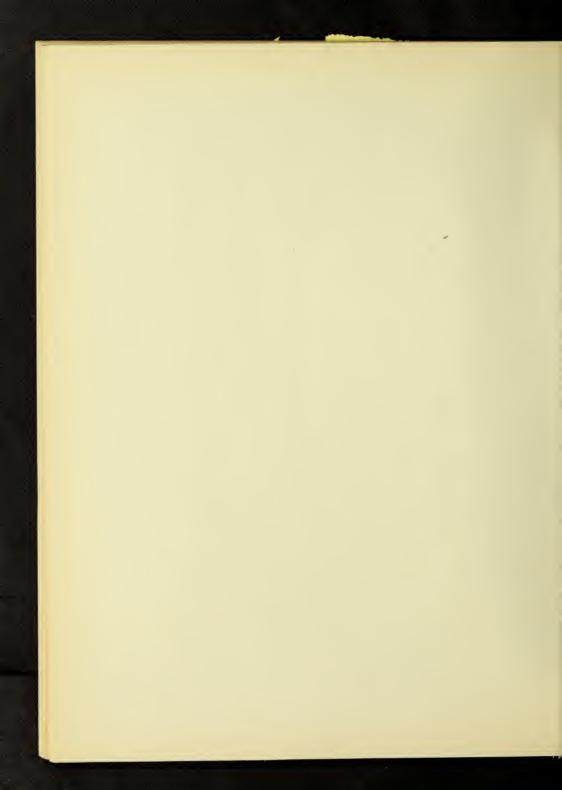
		-	_		_	To					_												
Station	Index No.	County	Dramage:	Longitude	Elevation	Va	Precip am	Observer		Reter to tables		Station	Index No.	County	Drainage:	Latitude	Longitude	Elevation	Val	tion me diper	Observer		Refer to ables
ADDIEON DAE 45 ADDIPHUE 1 H ALLEN ANCHORAGE ANIE AMP	0031 BRE 0043 ALL 0095 FLO 0135 JEF 084E FIE	TESHON	7 37 8 3 38 3 1 37 3 7 38 1 1 37 1	E 86 1	8 E00 3 850	77	EA 7F	CORPE OF ENGINEERS IOSLL E DEARING NANNIE AUSIER C E SARRET MARY 6 EATLIFF	0 3	8 4		LOGICE 1 E LONDOE PORT OFFICE LOUISA LOCE 3 LOUISVILLE ROWEAR FIEL LOUIRVILLE STAN WE AP	4892 4843 D 4851	CLASE LAUREL EAWRENCE JEFFERSON JEFFERSON	1 7	38 13	84 0	2 8 1280 7 884 0 558		8A E 7A SI	RS N BURGHES W MC KASNES USHSLI, T WICELER O WEATHER SURRAU S WEATHER SURRAU	3	1
ASHLAND DAW 60 SARBOURVILLE WATER WE RAKUSTOWN BASS 3 8W BASTRE MARLAN WATER WI	03EE NEL 043E TAY 18 0450 BAR	SON LOS LAR	7 3E 2 2 3E 3 6 37 4 3 37 1 6 36 8	2 83 5 8 85 2 E 85 1 I E3 6	3 1000 8 837 0	719	7 A 7 A	COMPS OF ENGINEERS JOHN E WHARTON MRS POPE SISCO CLAUDE CAVE & E KEI CYRUS S LAYBON	6 3	4		LOUISVILLE WPPES GAOR LOUISVILLE WB CITY LUCAS WADISONVILLE	4958 4867 8002	JEFFERSON JEFFERSON BALLARD BARREN HOPEINS	7 6 3	3E 12 38 18 36 88 3E 83 37 20	88 4 88 8	8 457 0 476 2	7A 8P	6A U 7A U 6P BI 8A C	B ENGINEERE S WEATHER SURRAU LAIME MALONE ECIL E DRITT LABURE C BACOS	2 2 2 3 3 3	4 0
BEAVER DAN BENHAM BENTON 1 SE BEREA COLLEGE BEREA FATER FORES	OE24 MAO	LAN SHALL ISON ISON		8 82 5 1 8E 2 4 84 1 4 84 1	7 1580 2 380 8 1070	6P RA 6P	AB AB GP	E G TOUNG C C WHITEAEKE BANCT C WOESE JAMES A GEOSSMAN MRE L S DAFFARD	2 3 2 3 2 3	4		MADISONVILLE 1 SE MANUKITH CAVE PARE MANCHESTER MAYPIELD SURSTA MAYPIELD 2 S	5097 8110 8230	HOPEINS EDWONSOE CLAY GRAVES GRAVES	4	37 16 37 11 37 08 38 44 38 42	88 0 83 4	8 800 8 450 9 364		7A J EA OI 7A E	W MM COY RANVILLE D LILES ARL HOWARD VA KS JOE PAYNE	2 3 2 3 2 3 3 2 3	0 0
BOSTON 6 SE BOWLING GREEN BOWLING GREEN SUBSTA BOWLING GREEN WE AP BRENY DAW 36	0874 NEL: 0804 WARI 0807 WARI 080E WARI 0978 CAME	REN REN EEE PRELL	6 37 4 3 37 0 3 37 0 3 38 5 7 39 0	0 E8 20	5 536 5 470 5 535	2.4	7A	MRS PAULENE COY JAMEE E MOMARDS TVA US WEATHES SUREAD COUPS OF ENGINEERS	3 3 3 2 3	4 5		MATSVILLE OAM 33 MC EINNKYSSURG WIDDLESDORO EIDDLESDORO CITT BALL WIOKAY 2 8	8301 53E9 53E4	MASON PENDRLTON MELL BELL HOOOFORD	2 2	36 3E 38 36 38 37 38 36 38 07	84 1 83 4 83 4	5 610 3 1128 4 1150	8P 5P	5A CC 7A AI 5P EX	DRPS OF ENGINEERE AANDA A AULICE JGH ALLEM ITT OF MICOLESBORG DIDK B NUCEST	2 3 2 3 3 2	4 5 4 5
BROWNSVILLE LOCE E SURGIN DIE DAM SURNSIDE CADIZ LOCE E CAMPRELLSVILLE	1048 FORE 1127 MEE 1136 PULL 1206 TRIC 1256 TAYE	CEE ASEI DG LOE	3 37 1: 4 37 4: 2 36 5: 2 36 4: 3 37 2:	8 84 43 8 84 33 8 87 58 9 65 23	770 705 424 777	4P 6P	8A 7A 7A 8P	SARAS R LEWIS CORPS OF ENGINEERR ALVA MC EINLEY	2 3 3 3 3 2 3	3	8	WILLESBURG WILLERSTOWN BONVICELLO BORREKAD STA TEACH COL WOUNT STERLING	543B 5524 5585	BOURBON GRAYSON WAYNE ROMAN WONTGOKEEY	3 3 5	38 18 37 27 36 50 38 11 38 03	86 0. 84 5 83 2	580 910 3 770	5P	NA NI NA NI NA E	ES ANY L POTTS ES O M LAWLER O COOPEE C MAGGAN END CARTWILL	3 3 3 2 3	4
CARROLLTON LOCE 1 CENTRAL CITY I E CLINTON COLLEGE BILL LOCE 11 COLUMBIA CONSTANYIME	1345 CAE1 1439 NUM 1631 SICE 1704 MADI 1722 ADAI	LE NDERG EMAN I SON I B		87 06 89 00 7 84 06 3 65 18	729		BID BID SA 7A	CORPS OF ENGINEERS MARION STAPLES MODDSON D FRANKLIN CORPS OF ENGINEERS MRS HAZEL B PICKETT	3 3 3 3	4		MUNFORDVILLE MURRAY OLIVE BILL OLNEY ONEONYA DAR 35	5694 6012 8020	HART CALLOWAY CARTER HOPKINS CAMPRELL	7 7	37 16 36 37 38 18 37 13 38 58	88 2 83 I 87 4	752 7 380	6P	7A AN GP EA EA MF BA AN	THUR S EIFE LPB S WEAR IS E F FULTZ JR IT D EILLIAMS RPB OF ENGINEERS	2 3 3 3 3 3 3	4 5
CONSTANTINE CONSIN MATRE MORES COVINGTON WH AIRPORT CYNTHIARA DANVILLE	1783 BREG 1801 WHIT 1806 WHIT 1855 KENT 1998 BARB	TLEY TON RISON	3 37 40 3 38 51 2 38 57 7 30 04 5 36 33	84 08 84 08 84 40 84 18	1178 1070 E69 884	RID	7A MID 7A	MRS GLENNIS L SHARP US WEATHER SUREAU CORSIN WATER ECRES US NEATHER SUREAU MARSHALL RILL	2 3 3 3 2 3 3 3	4 4 5 5		ONENSBORD DAM 46 PADUCAR NO 5 FIRE STA PADUCAH SCS NURSERY PADUCAH STA	8096 8115 6117	DAVIESS DAVIESS MC CRACKER MC CRACKER MC CRACKER	7 7 7	37 48 37 47 37 05 37 04 37 03	87 01 88 31 88 31	404	5P 7P	7A C0 8A CA 7A 80	RGIL P CLARK RPS OF ENGINEERS PTAIN FF WILLIAMS IL COMSERV SERV IL COMSERV SERV	2 3 3 3 3 3	5 4 5 4
DAVELLA DELPSIA DEMA DUNCEE BARRETTS FORD R		TIN TT		82 32 83 07 82 48 86 43	1200 850 430	6P	BA SA	E P COLDIRON SERTHA DE LONG FARIS CRESS BATTIE B BARNEY J L HUFF	2 3 3 3 3 3	4		PAINTSVILLE PIREVILLE PILEVILLE PLEASUREVILLE 2 B PRINCETON	6353 6384 6435	JOHNSON PIKE BELL SHELBY CALDWELL	2 4	37 49 37 29 38 45 38 20 37 08	82 31 83 43 85 03	686 999 882	2A 5P	7A JE 2A US 7A F 8A E	SSE FAIRCBILD WEATHER BUREAU PARTIN 8 MORGAR TON M HARVILL	2 3 3 3 2 3	4 5
DUNYILLE LOCE F EDWONTON ELIZABETE OFN EATER WK		ALFE	3 37 05 3 37 13 2 37 03 3 37 00 3 37 42	85 58 88 05 85 37 85 24	420		7A 1	N D GIVENS LINNIE D TARTER THOMAS SWITS JOHN E MORAN BUD B JONES	3 3 3 3 3	4		SAVENNA LOCE 12 RICHMOND TEACHERS COL SUMSEY LOCE 2 RDSSELLVILLE RUSSELLVILLE RUSSELLVILLE	6805 7039 7049	ESTILL MADISON MC LEAN LOCAR LOCAN	3 3	37 40 37 44 37 32 36 51 36 50	83 57 84 18 87 16 86 52 86 54	1000 384 590		7A EA	RPS OF ENGINEERS STERN TEACHERS CO RPS OF ENGINEERS 8 S MC REYNOLDS	2 3 2 3 2 3	4 5
FALMOUTE FARMERS FLEWINGSBURG FLEEINGSBURG POST OFFI- FORD LOCE 10		ING ING	5 38 40 5 38 09 5 38 25 5 38 25 4 37 53	63 43 83 44 84 15	E70 750 593	40	7A 1	JESSIE OLDHAM MUS C C STAMPER STRON F FLEMING MAURICE O CARPENTER CORPS OF RMGINEERS	2 3 3 3 3	5		SADIEVILLE HATER HORES ST JOHN BETHLEHEM ACAD ST MARY SALVISA LOCE 6 SALVISA LOCE 6	7091 7096 7121	SCOTT BARDIN WARION WERCER WAGOFFIN	8 3	18 23 17 42 17 55 17 56 17 45		777 730 320	4P	7A SI	W WULBERRY STEE 8 W GSELL MARY COLLEGE RPS OF ENGINEERS W MAY	2 3 3 3 3 3	4 5
FORDS FERRY DAW 50 FRANKFORT LOCE 4 FRANKLIF MATER MORKS FRANCEBURG 1 SM GEORGETOWN WAYER MORKS GRET LOCE 3		MLIN SON FEE T	7 37 28 4 38 13 3 36 43 5 37 57 4 38 12	84 52 86 34 83 39 84 33	504 691 B80	49	6A 6 7A 8 8A 6	CORPS OF ENGINEERS CORPS OF ENGINEERS SERMAN D HEAL C JEROME BIERONYMUS JOR E ATKINS	2 3 2 3 3 3 3	4 5 5 4		SCIENCE BILL SCOTTSVILLE SEBREE WATER WORKS SHELBYVILLE 2 W SHEPHERDSVILLE	7215 7234 7324	PULASEI ALLEN MEBSTER SHELBY SULLITT	3 3 3 8 3	7 11 6 45 7 36 8 13 7 59	84 39 86 12 87 32 85 16 85 44	770 360 825	6P	5P SE	LLIAM 8 DOBSS BLE ALLEN BRSE WATER MORES LLA 8 A RATTA NRAD MARAMAN	2 3 2 3 2 3 2 3	5 6
GLASGOE GODMAN AFRO FT ENOX GRANT DAR 38 GRATSON	3203 HENR 3241 BARR 3280 BARD 3358 BOON 3391 CART	ER	4 38 25 3 37 00 7 37 54 7 38 59 7 38 19	85 40 85 58 84 49 82 57	490 780 506 589		7A C	CORPS OF ENGINEERS USA L FOLLIS US AIR FORCE CORPS OF ENGINEERS SBIRLEY I STATEM	3 3 3 3	4		SMITHFIELD 4 S SOMERGET RIEAY ORPT SPRINGFIELD STEARNS STILLMATER	7604	PULASEI EASBINGTON EC CREATY	8 3	18 20 17 07 17 41 18 42 17 45	85 16 84 35 85 14 84 29 83 29	873 738		7A F 7A L 8A JO 8A C	W SIMPSON R SUTHERLAND HO P ELDER E CSITWOOD S H E HOLLAND	3 3 3 3	4 4
GREENSBURG EIEAY 61 BE GREENUP DAM 30 GREENVILLE 2 E HALETS WILL	3430 GREE 3435 GREE 3443 GREE 3451 MUHL 3539 CHRIS	N NUP ENBERG STIAN	37 16 37 15 7 38 37 37 12 37 03	85 30 82 51 87 12 87 20	540	5P	7A C	ERS WELL W LINGLE CENNETS STOTTS CORPS OF ENGINEERS C R LOVELL LEATUS E BRIWELEY	3	5 4		SUMMER SHADE SUBSTA TATHAM SPRINGS TATLORSVILLE TOMPRINSVILLE TOMPGINSVILLE TEL OFF	7924 7948 8060	METCALFE EASBINGTON SPENCER NONROE MONROS	8 3	6 53 7 52 8 02 8 42 6 42	85 40 85 09 85 21 85 41 85 41	489 899 899		7A MR	C OEOMAN S BATTERYN S CARR EES T PBILPOTT S ALICE B RALE	3 3 3 3	4
HARTFORD 6 N BAZARD BAZARD BEFORLRERG LOCK 14 EENDERSON 4 SE EERNDON	3652 OBIO 3709 PERR 3722 NICBO 3741 LEE 3762 HENDI	T DLAS ERSON	37 32 37 15 38 24 37 33 37 47	83 12 84 07 83 48 87 37	869 800 663		7A E 7A L 6A C 6P F	ORP3 OF ENGINEERS BANE STREET	2 3	4 5 4 5 5		VALLEY VIEW LOCK 9 VANCEBURG DAR 32	8144 8179 8197 8246 8258	ANDERSON UNION CLAT	4 3 7 3 4 3	6 45 8 02 7 46 7 51 8 38	88 05 94 51 87 57 84 26 83 21	524 357 571 525		7A COS	RPS OF ENGINEERS UPS OF ENGINEERS UPS OF ENGINEERS UPS OF ENGINEERS	3 3 3 3 3	4
HICESVILLE BIGS SRIDGE LOCE 7 BINDMAN SETTLEMENV SCH BODGENVILLE NAT PARE	3798 CHRIS 3821 LAWR 3837 JESS 3899 ENOT 3929 LARUT	ENCE : 6	36 44 36 48 37 49 37 20 37 32	85 44		84	6A C 8A E	W REATTS VA ORPS OF ENGINEERS LIZABETH EATTS C SELF	3 3 3 2 3 3	4 5	1	WATNESBURG 6 R NEST LIBERTY WATER WK3 EILLIAMSSOWE EILLIAMSTOWE WILLOW LOCK 13	8551	LINCOLM MORGAN WBITLEY GRANT LEE	5 3 2 3 5 3	7 22 7 55 6 44 8 38 7 38	84 34 83 15 84 10 84 34 83 50	939 943 646	6P 6P	7A JOH 7A CHA 7A MIS	INE HOECE IN W TURNER INLES 8 WEST IS N 8 SIMPSON IPS OF ENGINEERS	3 2 3 2 3 2 3 2 3	5 5 5
HOPEINSVILLE 2 E HTDEM IEVINGTON JACESON JENKINS MATER MORKS	3994 CERIS 4093 LESL: 4165 SRECE 4196 BREAT 4241 LETCE	ENRIDGE STREET		82 38	846 776 1600		7P F 7A E ID K	E BORRIS  DES FOREST CAMPBELL  LOYD G ROBBINS  DESERT ROBERTSON  ENTUCET MATER CO	2 3 3 2 3 3 3	5 5		WOLF CREER DAR WOODSURY LOCK 4	8807   8824	RUSSELL SUTLER	2 3 3	8 53 7 11	85 08 86 38	610 504		BA FRA	NE L BLOOGEGRYH PS OF ENGINEERS	2 3 3	4 5 8
JEREMIAR EEENE 2 N EENTDCEY DAM LANCASTER ICS PLANT LAURA	4255 LETCH 4369 JESS/ 4414 LIVIN 4620 GARR/ 4642 MARTI	RINE 4 SGSTON S ARD 4	37 10 37 58 37 01 37 37 37 45	84 38 88 16 84 35 82 26	850 362 1032		7A H 7A T 8A E 8A J	RB SUSAR F ISON ARION E MAHIN ENN VALLEY AUTB ENTUCKY UTIL CO AMES A FIELD	3 3 3 3	4													
LEITCHPIELD LEEINGTON WE AIRPORT LIBERTY LITTLE HICKMAN LOCK 8 LOCEPORT LOCK 3	4703 GRAYS 4746 FAYET 4755 CASEY 4825 JESSA 4857 EENRY	PTE 4	37 29 38 02 37 21 37 45 38 26	84 35	635 979 560 485		7A P.	EORGE D LITSST S WEATER BUREAD ALLIA L HANKLA ORPS OF ENGINEERS ORPS OF ENGINEERS	3 3 3 3 3	5 4 5 4													

; - DRAINAGE HABINS

1 Big Sandy 4 Bestucky 7 Obio 2 Cumberland 5 Licking B Bait 3 Green 8 Wississippi 9 Tensessee







### U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief

SEP 1 2 1949

# CLIMATOLOGICAL DATA

# KENTUCKY

THE LIBRARY OF THE

MARCH 1949

WHIVERSITY OF ILLINOIS

Volume XLIV No. 3



NAT. HIST.

#### KENTUCKY - MARCH 1949

E. E. Unger, Section Director - Louisville

#### GENERAL SUMMARY

The abnormally warm weather of the past two months gave way to a March with widely varying temperatures. Near normal temperatures for the first 10 days; very cool for the next decade with a final period of above normal readings to bring the monthly average only slightly below the normal.Rainfall was slightly above normal, however, an equable distribution over the month permitted normal runoff in the streams with no flooding reported. These frequent rains also kept the soil wet, with outdoor farm activities further retarded.

Rainfall distribution over the state was in rather regular progression from west to east, with amounts in excess of 6 inches confined to the western third of the state. The least monthly falls were recorded in extreme eastern counties.

Some farm work, principally plowing and preparation of tobacco seed beds, was accomplished early in the month, with little outdoor farm activity possible from the 10th to 20th due to frequent rains and wet soil. Fruits and fall-sown crops were benefited by this period since it checked the abnormal growth of previous warm months. The above normal temperatures of the least decade brought rapid development of fruit trees, with peaches and pears generally in full bloom in southern counties at the end of the month. Plowing was resumed in most sections during this period, with planting of tobacco seed beds, gardens, and grasses the principal field work accomplished. Pastures were improving rapidly at the end of the month with some relief to those feeding stock.

#### TORNADO

A tornado, apparently of the "bounding" type, struck several southwestern counties on the evening of the 26th. The length of its path was about 5 1/2 miles on the border between Marshall and Calloway counties and 2 miles in Muhlenberg county. Four persons were reported seriously injured, with total damages to buildings, crops, and livestock estimated at \$45,000.

#### TEMPERATURE

The mean temperature for the state was  $45.8^{\circ}$ , which is  $0.7^{\circ}$  below normal for the month. The monthly mean temperatures ranged from  $49.3^{\circ}$  at Middlesboro to  $41.9^{\circ}$  at Maysville. The highest temperature recorded in the state was  $86^{\circ}$  at Williamsburg, on the 26th, and the lowest  $10^{\circ}$  at Hindman on the 16th.

#### PRECIPITATION

The average precipitation for the state was 5.17 inches, which is 0.41 inch above normal for March. The total amounts recorded at various stations ranged from 8.58 inches at Henderson to 2.26 inches at Greenup Dam. The heaviest rainfall reported in any one day was 3.09 inches at Lovelaceville on the 26th. The monthly average of snowfall was 1.1 inches or 0.7 inches more than normal. The greatest monthly amount was 6.0 inches at Lovelaceville; the least a trace at several stations. The greatest depth on the ground was 2.0 inches at Lovelaceville on the 15th.

#### ACKNOWLEDGMENTS

ACKNOW and didition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1998 at the requirement of the Corps of Engineers, or the continuous records of precipitation. It was established in 1998 at the requirement of the Corps of Engineers, or the provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued montbly for each of 8 drainage areas embracing the entire United States, to the state of 8 drainage areas embracing the entire United States, to the Pederal agencies referred to above, an provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the state of the Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin bave been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

# PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

KENTUCKY MARCH 1049

	Sea les	vel pressure	extremes-in	ches		Wind spec	nd-m.ph		Relativ	e humidity	averages	percent	Sunshine	
Station	Highert	Dete	Lowest	Date	Average	Махішиш	Drection of maximum	Date of meximum	1:30 a. E.S.T.	730 . E.S.T	1.30 p. E.S. T.	730 a E.S.T	Percent of possible	Degree days 65° base
LEXINGTON AIRPORT LOUISVILLE AIRPORT	30.50 30.47	20 19	29.40 29.38	10 10	11.3	42	SW	- 22	78 74	81 80	59 54	64 59	56	649 589

#### COMPARATIVE DATA

Table 1								СОМ	PAR	ATT.	VE D.	ATA								
	T	emperatu	ıre	Pr	ecipitati	on		T	emperatu	re	Pı	ecipitatio	ао		T	emperatu	re	P	recipitati	on
Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Āveraģe	Average	No. of days	Year	Āverage	Highest	Lowest	Average	Average	No. of days .01 or more
1889 1890 1891 1892 1893	40.5 41.2 41.8 40.6 45.0	84 78 71 82 89	18 4 9 7 5	1.52 8.34 8.08 4.08 2.76			1914 1915 1916 1917 1918	41.8 37.8 43.5 45.9 51.6	78 65 84 84 85	2 11 4 0 17	3.62 2.11 3.39 6.52 1.97	6.4 3.5 3.7 8.1 T	12 8 10 14 8	1939 1940 1941 1942 1943	49.4 43.9 40.5 48.4 43.0	90 81 74 85 80	15 11 2 15 - 6	5.78 5.04 1.65 4.48 7.63	T 1.9 1.1 2.2 3.0	9 10 8 13 10
1894 1895 1896 1897 1898	50.8 45.0 41.1 49.6 50.7	86 88 80 86 84	10 15 8 20 16	2.72 3.17 6.16 7.94 7.59	0.2 1.0	9 12 14 13	1919 1920 1921 1922 1923	47.6 46.3 56.7 49.4 45.6	81 88 87 83 80	16 - 1 19 19 8	5.65 4.85 5.75 8.11 5.27	0.6 T 0.5	9 10 11 14 9	1944 1945 1946 1947 1948	45.2 56.5 56.1 38.6 49.8	84 91 85 77 87	8 20 16 - 1 8	5.50 7.06 4.47 2.36 6.26	0.5 T 0.2 10.8 0.1	13 13 13 10 11
1899 1900 1901 1902 1903	43.9 42.8 46.4 47.2 52.5	80 81 87 82 85	- 3 - 3 3 7 19	8.10 2.58 3.50 4.44 4.43	2.4 3.9 0.5 6.1 T	15 9 10 11 12	1924 1925 1926 1927 1928	41.5 49.2 40.2 48.4 45.6	81 84 84 82 85	14 4 4 10 12	3.05 3.59 2.80 6.04 2.64	1.8 0.4 2.3 3.5 2.7	9 9 11 11 8	1949 PERIOD	45.8	94	10	5.17 4.76	1.1	11
1904 1905 1906 1907 1908	47.7 52.2 39.2 54.9 51.8	88 86 75 92 88	12 22 3 18 19	6.26 4.45 6.37 2.28 5.42	0.5 T 2.0 0.8 0.6	12 9 16 10 13	1929 1930 1931 1932 1933	52.0 44.5 41.4 41.2 46.0	94 76 73 80 78	9 9 18 4 10	4.17 2.17 3.66 4.95 5.52	1.2 1.9 1.5 T	10 9 17 10 11							
1909 1910 1911 1912 1913	44.8 55.0 46.0 41.3 48.5	74 91 87 88 85	17 11 7 10 9	5.14 0.79 2.57 6.22 7.22	0.3 0.6 6.6 0.5	11 3 9 15 10	1934 1935 1936 1937 1938	43.6 54.6 50.7 42.2 53.7	80 86 81 77 86	5 20 19 6 11	4.83 9.56 4.85 1.43 6.29	2.1 0.3 3.2 2.3 T	13 14 11 7 13							

MARCH 1949

Table 2						T'11A13	110	LO	JIC F	L DA							MARCE	1949
				Temperat	ure								Precipitati	on , Sleet, Ha	. 1	- N-	of day	
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	25 or more	1.00 or more
WESTERN DIVISION	<u> </u>																	
BEAVER DAM GREENVILLE 2 W HENDERSON 4 SW BOPKINSVILLE 2 E LOVELACEVILLE	45.5M 47.9 47.5 45.7 47.9	- 1.9 0.2 0.0 - 3.4 - 1.1	78 78 76 77 78	24 26 24+ 24+ 25	14 18 20 16 19	16 1 1 1 16		15 14 15 15	6.82 6.10 8.58 5.98 7.30	2.31 .97 3.07 .98 1.98	1.30 1.14 2.00 1.10 3.09	22 27 10 18 26	T 2.6 0.5 6.0	T 2	10+ 15	10 11 10 11 11	8 7 7 6	2 2 4 2 2
MADISONVILLE 1 SE MAYPIELD 2 S MURRAY PRINCETON RUSSELLVILLE	44.9 46.6 49.2 37.0 46.2M	- 2.8 0.5 - 1.0 - 1.1	78 76 79 80 80	27 26 24+ 26 27	19 16 20 12 20	1+ 1 1+ 1 1+		17 15 16 17	6.79 6.01E 5.96 5.68 5.94	1.17 .41 .72 .99	1.57 1.70 .96 1.33 1.26	27 27 26 27 18	3.0 0.4 0.2 0.1			12 13 14 9 8	8 8 9 7 8	2 2 2
DIVISION CENTRAL DIVISION	46.8	- 1.2							6.52	1.40								
ANCHORAGE BOWLING GREEN WB AP BURGIN DIX DAM CAMPBELLSVILLE COVINGTON WB AP	44.0M 47.0 47.3 47.5 45.9	- 0.4 - 2.1 0.2	77 77 78 79 75	24+ 24 24 24 25+	16 19 18 15 19	21 1 16 1 2		15 16 13 16 15	5.32 4.74 5.12 4.04 4.31	.89 48 .65	1.05 1.24 1.44 1.19 1.06	10 17 31 18 26	0.8 3.2 0.8 T 3.0	т	15+	10 14 11 12 11	8 4 6 7 8	1 1 2 1 1
DANVILLE FRANKFORT LOCK 4 GREENSBURG IRVINGTON LEITCHFIELD	44.4 43.2 44.7 46.5 46.5	- 1.8 - 2.7 - 1.9 - 0.4 - 0.1	80 78 80 77 77	27 25+ 25 24 26	17 17 16 16 16	16 16+ 1 1		17 18 18 16 15	4.95 4.92 4.30 6.98 5.88	.18 .50 -1.02 2.22 1.06	1.28 1.31 1.30 1.43 1.05	18 27 18 22 27	2.6 0.7 1.0 1.1 T	T T	15+ 15 15	13 11 9 10 10	7 6 6 8 9	2 2 1 2 1
LEXINGTON WB AIRPORT LOUISVILLE STAN WB AP LOUISVILLE WB CITY MADMOTH CAVE PARK 5T JOHN BETHLEHEM ACAD	44.2 46.2 46.1 45.2 42.8	0.5 2.1 0.7 - 1.9 - 2.7	76 78 76 79 76	26 24 24 27 25	16 19 20 11 17	16 1 1 16 1		17 16 15 16	5.06 5.65 5.72 5.49 6.47	.74 1.26 1.33 48 1.58	1.09 1.45 1.66 1.67 1.05	17 9 26 18 18	3.9 2.6 1.3 T	T T T T	10+ 15 15 13+ 15+	13 14 13 13 11	9 6 6 8	1 2 2 1 2
SCIENCE BILL SCOTTSVILLE SHELBYVILLE 2 W WILLIAMSTOWN WOLF CREEK DAM	47.1 49.5 43.1 48.3	0.9	80 80 77 82	26 24 25 24	15 17 12 12 12	16 1+ 1+ 16 1		16 13 18 16 13	4.19 6.07 5.76 5.55 5.54	57 .93 1.09	1.50 2.10 1.31 1.40 2.06	18 18 10 26 18	1.0 2.0 0.5 0.2	1 T	15+ 15 15+	12 11 14 15 13	5 6 6 8 7	1 3 1 1 1
DIVISION EASTERN DIVISION	45.7	- 0.8							5.30	0.62								
ASHLAND DAM 29 BEREA COLLEGE CORBIN FARMERS BEADQUARTERS	43.1 46.8 47.4 42.5 45.3H	- 3.8 0.3 - 2.9	81 80 83 80	27 26 26 25+	16 16 14 16	16 16 16 2		16 16 15	2.47 3.24 5.22 3.32 4.67	-1.85 -1.70 -1.25	.74 1.17 2.02 1.19 1.92	18 18 18 18 10	T T T 1.3	1	1 15+	13 11 13 12 6	5 5 4 4	1 2 1 2
BINDMAN SETTLEMENT SCH MAYSVILLE DAM 33 MIDDLESBORO MOUNT STERLING RICHMOND TEACHERS COL	44.3 41.9M 49.3 46.5 43.9	- 2.9 0.9 1.9 - 2.1	83 80 82 79 79	27 27 24 24+ 27	10 14 15 17 17	16 17 16 16 16		18 14 16 16	3.33 4.68 5.56 4.38	-1.15 62 .41 21	.80 2.00 1.44 1.27	27 18 18 18	0.5 0.2 2.5	Т	11	13 9 8 13	5 4 7 7	1 1 1
WILLIAMSBURG	48.2	- 0.5	86	26	15	1+		15	4.53	30			1.0	1	18	11		
DIVISION STATE	45.8	-1.2 - 0.7							4.14	-0.83						•		

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### DAILY PRECIPITATION

MARCH 194W

-	T														Day	of m	onth															7
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota
ADDISON DAM 45 E ADOLPHUS 1 N W// ALLEN ANCHORAGE ASHCAMP	т				.02	T .18 .18	. 33	.06	.77 .40 .22 .90	1.37 .55 .31 1.06 .57	. 06		.10		T .06 .11 .07 .20	.03		1.46 1.95 1.30 .45 1.56	.06			.65 .03 .85	1 23 .15 .20		T .60	.02	1.18 1.00 .30 .47	.02 .18	.22	.31	.09 .02 T	7.98 4.97 3.36 8.32 4.13
ASHLAND DAW 20 BARBOURVILLE WATER WAS N BARDSTOWN BAXTER HARLAN WATER WAS N BEAVER DAM	.03	T			.12	.47 .05	Т		T .47 .97 .12 .69	.26 .05 .62 .23	Т	Т	т		.06 .05 .07 .05	.02	.67	.74 1.43 1.26 1.23 .78	.03	Т		.03 .12 .17 .20 1.30	. 10		.57 .12 .36 .12		.18 1.03 1.29 .40 1.27	T		.03		2.47 4.86 6.83 3.81 6.82
RENTON R BEREA COLLEGE E REREA WATER WGRES BOSTON 2 3W BOWLING GREEN	τ	т			.01	.06 .08 .07		.09	1.05 .34 .14 .36 .42	.12 .11 .32 .38 .65	.03 T		.26		.01 .05 .02 .02	.03		.03 1.17 1.32 1.02 1.41	.05 T		.13	.27 .24 .15 .10	.02 .18 .37 .10		.14 .42 .34 .07 .64	2.28 T .12 .35 .05	.01 .41 .40 .88 .72	.02		.35		5.24 3.24 3.62 4.27 5.02
BOWLING GREEN SUBSTA BOWLING GREEN WB AP BROWNSYILLE LOCE 5 BURGIN DIX DAM BURNSIOE	т				т	. 12 . 13		. 11	.40 .85 .42 .31 .26	.26 .06 .68 .46 .60	.04 T T	Т	.03 .16	т	.02 .02 .12 .68	.02 T	1.24 .20 .12 .17	1.38 .14 1.34 1.20 1.85	.08		.01	.11	.10 .55 .22 .35		.64 .73 .41 .40 .51	.04 .64 .07 .11	.66 .23 .70 .62 .52	. 27		.41	.10	4.35 4.74 4.90 5.12 5.77
CAGIE LOCK E CAMPRELLSVILLE CARROLLTON LOCE 1 Z CENTRAL CITY 1 E R CLINTON R COLLEGE HILL LOCK 11					.10	.03	.21	.11		1.03 .27 .73 .12 2.11	.05		.10 T		.03 .04 T	.11	.37 .89	.06				.09 .15 .82 1.21	.10		.13	.03 1.91 1.37 2.83	.79 .55 .01	.37		.28 .84 .50	.04	8.28 4.04 4.39 5.92 8.18
COLLEGE HILL LOCK 11 COLUMBIA LW COLLEGE CONSTANTINE CORBIN CORBIN WATER WORKS COVINCTON WE AIRPORT	Т				18	. 17 T	T	.04	.26 .40 .56 .24	.47 .27 .12 .64	Т	.01	.02 T	T .01	.03 .07 .09 .07	.08	.28		.08 T		т	.07 1.08 .16 T	.24 .23 .04 .20			1.83	1.23 .18 1.08 .74	.08		.85 T	.02 .19 .19	5,22 5,25
CYNTBIANA DANVILLE DAVELLA DELPHIA	T T	Т			.18	.10			.32 .36 .23 .20	.87 .48 .27 .10	.02	.01 T			.10	T T .20	T . 24 . 48	.72 1.28 .80 1.00	T T			T.28	.07		.06 .29 .35	1.51 .20 .02 .20	.20 .61 .57 .25	T .02 .02 .30	. 20	.07		3.95 3.93 4.95 3.37
DEMA DUNDEE BARRETTS FORD BR R DUNNOR OUNVILLE EDOTVILLE LOCK F	.10					.05			.46 .15 .60	1.40 1.02 .70 1.64	.05	.17	.38		.03 .06 T		.32 .09 1.40 .09	.63 1.45 .67	.05			1.50 1.01 .25 .33	.20		.12 .29 .04	.58	1.00 1.36 1.40 1.35				.25	5.01 7.58 6.92 4.90 8.01
EDMONTON R FALMOUTH FARMERS FLEMINGSHURG FLEMINGSHURG POST OFF R FORD LOCK 1	T T	T .05			.08	.51	T T .02	. 25	-	.57 1.06 .43 .73	T	Т	T .01	.03	.08 .04 .05 .10	.01	.01 .07 .04	.32 1.19 .69 .28	.01		T	.01 T	.19 .14 .46	•	T .13 .07	.23 .42 .81	1.17 .15 .54 .45	T T		.45	( *	5.57 4.63 3.32 4.23
FORD LOCK 1 FORDS FERRT DAM 50 FRANKFORT LOCE 4 FRANKLIN WATER WORKS GEOGEGETOWN WATER WORKS GEST LOCK 3 Z	•	т			.02	. 2B . 42			.60	1.07 1.11 .55 .64	T		.13	T	.04 T	T	1.34 .36 .08	T .93 .95 1.68 1.14	T		.03	.48 .49 .15 .32	.19		.03	.31 .85 .06	.02 2.20 1.31 1.18 .58					4.46 7.29 4.92 5.40 4.62 5.55
GLASGOW GRANT DAM 3B GRAYSON GREENSBURG	T	т			.05	.40 .33 T	.03	т	.68 .41 .05	.54 .95 .28 .50	.08	Ť	т		.10 10	T	.03	.06 .05 .87 1.30	.62 T			.19 .03 T	.34 .39 .12 .10	т	.49	.40 .22	1.15 1.22 .21 .95	T.02				4.46 2.73 4.30 4.01 2.26
GREENSBURG BIWAT 61 BR GREENUP DAM 30 GREENVILLE 2 W HALEYS MILL HARTFORD 6 N	.03	т			.06	.07 .30 .11 .02 .04	.02	.12 T	.50 .03 1.09 1.01	.49 .33 1.00 .25 1.19	T .30		.30 .33 T		.05 .03 .04 .15	.01	.40	.64	.01		.03	.05 .98 .90 1.04	.11		.22 .22 .08	.09 .60 1.54 .88	.55 1.14 .06 .90	.03		.56 .62 .53	.01	6.10 6.57 6.76
HEADQOARTERS HENDERSON 4 SW HERRIDOW R HIGH HRIDGE LOCK 7 HINDMAW SETTLEMENT SCH	т	т			.01	.08	.01		.03	1.92 2.00 .17 .53	.02	т	T.04		.03	.01	.04	1.50 1.40 1.35 - 1.35	т		.03	.12	.14		.34	1.2k 1.88 .10	. 64	.01		1,14	.95	3.80 4.67 8.58 4.74
HODGSVILLE NAT PARK BOPKINSVILLE 2 E HYDEN IRVINGTON JACKSON						T		.08	.87	.06 .90 1.04	.05	т	.17	т	.07	.0 T	.56	.09 1.10 .95	.08	.03	.94	1.43	.55		.24 .28 .37 .03	.22 .95 .38	. 17	.15		. 47	T	5.24 5.98 6.98 3.91 3.73
JACKSON JENKINS WATER MORKS 2 JEREMIAH REENE 2 N LANCASTER ICE PLANT LAURA	T .02	т				.30	.04		.05	.31 .45 .45 .50 .43	.03		. 24	. 13	.14	.10	.13	1.25 1.54 1.80 1.30 1.40	.08 T	.OB		т	.14 .20 .43	.05	.03 .21 .39 .45 .16 .16	.05 .12 .58	.18 .38 1.60	.24		- 1	.85	5.78 4.10
LEITCHFIELD  LEXINGTON WB AIRPORT Z  LIBERTY Z  LITTLE BICKMAN LOCE 8 Z					.06	.06 .02 .31		.02	.04 .55 .76 .30 .36	.38 .83 .26 .48 .28	.02	т			.03 .05 .11	T .28	1.09	.86 .36 1.20 1.26	.10		Т	.48 .07 .40	.26		.30	.34 .1B	.40 .95 .42 1.40			.90	T .26 .91	3.49 5.88 5.06 4.43 4.99
LOCEPORT LOCK 2 LOGLICK 1 S R// LONDOW POST OFFICE R LOUISA LOCK 3 Z LOUISVILLE BOWMAN FLD R LOUISVILLE STAN WB AP Z LOUISVILLE WB CITY R	T T	т			T .11	.15	т	.05		.25 .11 .24 .39	T T	т		T	.10 .11 .04 .10 .06	T .03	.76	.55 .43 2.20 1.05 .08			T	.15 .43 .74 .82 .77 .82	.04 .64		.38	.34 1.10 1.23 1.66 3.09	.85 .17 .02	.11		.03	.04 .10 .34	4.99 3.20 4.65 3.00 4.87 5.65 5.72 7.30
LOVELACEVILLE LUCAS R MADISONVILLE R	T				.09 .10 .18	.02		.22	1.45 1.32 .78 .83 1.58	.07	.13		.13 .12 .21		.05		.20 1.33 .81	.10 .30 .26 .02	Т		.10	.82 .44 .26	.06		.07	2.28	.75 .02 1.57			.34 .42 .35 .22 .47	.01	5.28 6.27
MADISONVILLE 1 SE MANHOTH CAVE PARK MANCHESTER MAYFIELD 2 S MAYSVILLE DAM 33 Z MC_KINNEYSBURG R//	т				.07	.35 .45	.02		.78 .67 .11 .50 .08	.73 .33 .68 .79 .77	.02		.02		.02 .10 .10 .03	.2n	.18 .22 .46	1.80 .48 .3	.01 T		.05	.46	.12		.50	.81 .08 .08 1.05 .09	.37 1.70 .80	.42		.39		6.79 5.49 4.66E 6.01E 3.33
WIDDLESBORO MIDOLESBORO CITY BALL R MIDMAY 2 S MILLERSHURG R//					.12	.11 .04 .25 .15			.40	.80 .42	т	.07	.03		.05	.03	.7n .05 .90	1.18 1.00				.10 .13 .41 .12 .09 .46	.42		.10	.20 .30 .51	.64 .67 .42	.04		.59	.70	4.59 4.30 5.67
MILLERSTOWN MOREHEAD STA TEACH CGL R MOUNT STERLING MUNNORDVILLE WURRAY OLIVE BILL F	.02 T				.07	.32			.33 .52 .66 .64	.42 .40 .40 .91					.07 T		.40	1.44 1.97 .65	.04	.01	.02	.44	.60		.22 .56 .34 .30	.05	.56 .40 .93		т	.88 .60	.02	5.56 5.96 3.04 4.70
OLNEY ONEONTA DAM 35 OWENSHORO OWENSHORO DAM 46  PADUCAH MO 5 FIRE 8TA	т	т			.07	.36 .06	T 1.07		.61	.78 1.35 1.41	2.01 .02 T	T	T .04		.01	T T	.09	. 49	T T	.34	. 15	T .27 .25	.03		т .02	.39 .56 .46	1.94	т		.52	.25	3.04 4.70 3.85 6.98E 6.73 7.30
PADUCAH ECS NURSERY PAINTSVILLE PINEVILLE PLEASUREVILLE 2 S	.05 T	T T			T T	.27		. 13	.61 1.42 .10 .06	.24 .40 .46 2.33	.10	.02 T	.09 T		.01 .01 .01 T	.05 .04 .01 T	.09 .45 T	1.00 1.97 .60	.60	т	.60	.60 T	.58		.47	.40	T .03 .75	.48		.38	.43	4.50 4.81 4.66

Station															Day	of m	onth															Total
Jiadois	1	2	3	4	5	6	7	8	9	10	11	12	13	14	I5	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3)	P.
PSINCETOW RAVENNA LOCK 12 RAVEICK RICHOOND TEACHERS COL RUMSEY LOCK 2 Z					т	.20		-	.78 .31 .37	.99 .40 .54 1.10	, 03		.22		.12 .02 - .12 .10	ī	-	.58 1.22 .12 1.27 .62	т			.27	.29		1.02 .25 .22 .39 .03	.50	1.33 .33 .46 1.60	.32		.33	.42	
ROSSELLVILLE ROSSELLVILLE SUBSTA SADIEVILLE WATER WORKS R ST JOHN BETHLEHEM ACAD SALVISA LOCK 6					-	.06 -		-	.37	1.12 1.21 1.00 .57			.02		.09 -	т	.15	1.28 1.40 1.05 1.33				.66 .41 .40	.31 .53 .65		.63 .57 .05 .14	.48	.85	. 12		-	.65 .71 .62 .89	5.72 - 6.47
SALYERSVILLE 8// SCIENCE SILL SCOTTSVILLE SCBREE WATER WORKS SHELBYVILLE 2 W	т				т	.21 .20 .02			.36 .65 1.04 .08	.20	. 04		T .10		.16 .04 .18 .05	т	.02	.79 1.50 2.10 -1.15			. 38	.83 .46 .30	.24	.01	.51 .66	.02	.55 1.20 1.81	.02		.13 .22 .18 .52	.03	6.07 5.25
SREPHERDSVILLE SMITHFIELD 4 S R SOMERSET SIWAY DEPT R SPRINGFIELD STEARNS R				.06	.40	.04		.11	1.18 .72 .63	.66					T .06 .08 .05	.03	1,34	1.43	.02			.30 .31 .33	.26		.40	1.69				.37	.44 .01 .03 .61	4.40
SUMMER SHADE SUBSTA TATHAM SPRINGS R TAYLORSVILLE TOMPKINSVILLE R TOMPKINSVILLE TEL OFF					. 11	.12 .04 .02		.07	.41 1.09 .75 *	1.13	.04		.05		.02 .04 .06	.03	1.31	1.25				.21	.92		.54 .19 .03 .46	.58 .66				.56	, 53	4.71 5.61 5.79
TYRONE LOCK 5 UNIONTOWN DAM 49 VALLET VIEW LOCK 8 VANCEBUBG DAM 32 WEST LIBERTY WATER WKS	T T	.01 T			09	.06 .06 .11 .43	.01		.45 .78 .36 .06	1.72 .60 .79	.04 .18 T .01		.10		.05 .05 .06 .05	.01	.34	1.25 1.74 1.33 .40 1.08			т	.35	.45 .35 .69		.95	.91	1.73	.05			.55 .51 .76 .30	3.87
WILLIAMSSURG WILLIAMSTOWN WILLOW LOCK 13 WOLF CREEK DAM Z WOODBURY LOCK 4 Z					.10	.07 .45 .12 .29		.04	.46 .35 .21 .42	.88 .43 .56	.03		.14		.03 .03 .06 .02		.07	2.35 .34 1.37 2.06 1.33				.15	.55 .21 .16 1.47		.19 .47		.34 .78 .31 .82	.02			.10 .33 .06 .36	5.55 3,21

						A. 1	M. Hot	ar endi	ing									P.	M. Ho	ar endi	ing				
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
OREHEAD STA TEACS COL									.01		.01		–ls	t-											
EST LOCK 3 MITHFIELD 4 8													-4t									.06			.03
DDISON DAM 45	11												-5t	h-									.01		
ENTON 1 SW ARROLLTON LOCK 1 ENTRAL C1TY 1 E	//	.05	.01																				.01	.11	.18
LINTON DNSTANTINE		_	_		_	_	_	-	_	_	_	_	- 1		_	_	_	_	_	i _	_	_	.01	_	_
AVELLA UNDEE BARRETTS FORD BR				.01	.12	.09	.02				.01	.01	•	٠	•		•	•	•	.05	.01			.02	.01
LEMINGSBURG POST OFF			.01					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 01
ORDS FERRY DAM 50 EST LOCK 3		.02																						.11	.18
ALEYS MILL ENTUCKY DAM																								.02	
EXINGTON WB AIRPORT																							.10		.08
OUISVILLE BOWMAN FLD		•	*	•		*	•	•	•	•	•	•	•	•	•	•	*	*		*	*	•	•	.04	.07
OUISVILLE STAN WB AP																								. 04	.05
OUISVILLE WB C1TY																							.03	.06	.04
C KINNEYSBURG ILLERSBURG	11	.05	.03	.05																					.08
OREHEAD STA TEACH COL		.00	.03																						.04
LIVE BILL WENSBORO DAM 46			.05	.09		*			*	•			•	•	•	•	•	*	•		•	•	* 03	.05	
ADUCAH SCS NURSERY													- 11										.04		
UMSEY LOCK 2 ADIEVILLE WATER WORKS		-	-	_	-	_	_	_	_	_	-	-	- 1	_	_	_	-	_	_	-	_	_	-	.06	_
MITHFIELD 4 5 ATHAM SPRINGS																								.28	.12
NIONTOWN DAM 49	11																				.01	.02			
OODBURY LOCK 4											,		-6	h-											.02
ARBOURVILLE WATER WKS								.03		.01	.01		-	-											
AXTER HARLAN WATER WKS EREA COLLEGE	- 1		.07	.01	.01		•		•	•	•	•	.07												
ARROLLTON LOCK 1	6	.01					.09						.08												
AVELLA	0	.01		•		•	.09			.01	.01		.08	.01	.01		.01		.01						
UNDEE BARRETTS FORD 8R		.01			.01	.04							.01												
LEMINGSBURG POST OFF EST LOCK 3		.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALEYS MILL		.07	.02														-								
MAZARD EIDELBERG LOCK 14	1//	.01	.04		.01	.04	.09	.08	.03	.01	.01														
ENKINS WATER WORKS	- "		.04		.00	.01	.01	.04	.09	.09	.02	.03	.02										. 01		
EXINGTON WB AIRPORT	11	.06	.02																						
OGLICK 1 S	11	.28	.02	.02	.03																				
ONDON POST OFFICE	//		.04	.02	.10	.02																			
OUISA LOCK 3 OOISVILLE SOWMAN FLD		.01	*	*			*	.01	•	*		•	.22												
OUISVILLE STAN W8 AP		.01						.01																	
OUISVILLE WB CITY		.02									.02	.02													
MAYSVILLE DAM 33 MC KINNEYSSURG	1//	.12	.08	.01	.01														.02						
IDDLESSORO CITY HALL	- //		. 10	.01	.01						.04														
ILLERSBURG OREHEAD STA TEACH COL		.15	.04	.02																1					
LIVE HILL		. 22	.09	.04	.01																				
ADIEVILLE WATER WORKS		-	-	-	.02	_	.08	.01	.04	_	-	_	-		-	_	-	_	-	-	_	-	-	-	_
ALYERSVILLE MITHFIELD 4 S	- //	.02	.02	.03	.06	.08	.01	.01			.01	.01													
OMERSET HIWAY DEPT		.02	.03	.02	.01	.01																			
TEARNS ATHAM SPRINGS		.02	.02		.01	.02					,03		13												
NIONTOWN DAM 49	11	.01						.03																	
OLF CREEK DAM			.01	. 09	.03	.08	.02	.01					F7.	1											
ENKINS WATER WORKS				00									-71	n-											
SURTING MULTINE SOLVEN				.02																					

						A	м На	our end	ling									P	м Но	ur end	ing					7
Station	1	I	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
ADDISON DAM 45 ADDISON DAM 45 ADDISON BERTON 1 SERVE THE AD- BOWNING GREEN THE AD- BOWNING GREEN THE AD- BOWNING GREEN THE AD- COURSE THE ADDISON THE ADDISON TO THE ADDISON TO THE ADDISON THE ADDISO													-8	th-						٠	.0I * .01 .02	.01 .02 .07 .02 .02 .08	.03 .02 .01 .04 * .03 .04 .01 .01 .03	.02 .02 .02 .03 .04 .08 .07 .01 .02 .08 .01 .05 .03	.03 .05 .03 .05 .07 .08 .02 .10 .05 .04 .05 .06 .03 .02 .05	.05 .11 .09 .08 .12 .11 .24 .23 .10 .16 .14 .08 .12 .10 .08 .12 .10 .08
LITTLE HICKMAN LOCK S  LOUISVILLS DOWNAN FLD  LOUISVILLS STAN WH AP  LOUISVILLS TWO CITY  MADISONVILLS  OWENSBORD DAM 46  OWENSBORD DAM 46  OWENSBORD DAM 46  OWENSBORD DAM 58  ANTHEK CS NUMSERY  RATWICK RUMSEY LOCK 2  STEARNS LOCK 2  STEARNS TOWN THE S  STEARNS TOWN THE S  TOWN THE STAN FLOW S  TOWN THE STAN FLOW S  TOWN THE STAN FLOW S  WOLF CREEK DAM  WOODBURY LOCK 4	-	-		-	-	-	-	-	-	-	-	-	- -	- -	-	-	-	-		-	.01	.03	.01 .04 .05 * * .03 .02 .01	.03 .04 .04 .06 .02 * * .05 - .02 - .02 - .03 .04 .02	.02	.05 .07 .06 .22 .12 * * .13 - .12 - .11 .03 .07 .16 .16 .04
ADDISON DAM 45  ADDISON DAM 45  ADDISON DAM 45  ARBOUNDED THE WIS BARBOUNTILE WATER WES BARBOTT BARBOUNT LES WES BENTON 1 STEEL BATTER BARBOTT	.01 .02 .03 .03 .03 .03 .03 .03 .03 .03 .04 .05 .08 .03 .03 .01 .04 .05 .08 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	**************************************	03 06 03 03 03 03 03 03 03 03 03 03	.13 .01 .08 .06 .03 .07 .07 .07 .00 .05 .05 .05 .05 .05 .06 .03 .07 .07 .05 .05 .05 .06 .03 .07 .07 .07 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.12 .01 .05 .03 .03 .11 .08 .02 .02 .03 .10 .06 .02 .05 .07 .07 .05 .05 .04 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.21 .10 .01 .02 .04 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.222 .077 .011 .022 .079 .08 .011 .077 .099 .08 .04 .07 .07 .099 .091 .006 .08 .10 .05 .06 .06 .08 .08 .08 .08	.09 .01 .01 .04 .08 .05 .06 .09 .00 .00 .00 .00 .00 .00 .00 .00 .00	.02 .02 .03 .03 .03 .04 .01 .00 .03 .03 .12 .01 .07 .03 .03 .12 .01 .02 .05 .03 .03 .12 .01 .02 .03 .03 .12 .01 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.06 .20 .03 .03 .03 .12 .03 .03 .15 .02 .05 .05 .02 .05 .05 .02 .04 .01 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.03 .10 .03 .10 .03 .04 .03 .05 .03 .05 .03 .02 .07 .05 .05 .01 .06 .02 .01 .01 .02 .01 .02 .01 .04 .08 .04 .06 .01 .01 .02	.02 .04 .06 .020103050505050505070201030201030201030804010103080401	-91 .02 .11 .04 .01 .01 .01 .02 .04 .08 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.100 .022 .011 .011 .03 .061 .011 .022 .013 .033 .033 .031 .011 .022 .044 *	.03 .01 .05 .05 .03 .01 .03 .03 .03 .03 .04 .03 .01 .01 .04 .07 .01	.01 .02 * * * .05 .01 .03 .01 .01 .01 .05 .06 .01 *	.01	.01 * .0101 .09 .01 .02	.04 .01 .01 .01 .01 .01 .01 .01	.12	.05	.01 .26 .06 .01 .30 * .5301 .31 .40 .01 .01 .02 .04 .3612 .27 .01 .30	.35 .14 .14 .02 .30 .01 .30 .01 .30 .33 .33 .33	.04 .02	.05   .01   .01   .03   .01   .03   .01   .03   .01   .03   .01   .03   .01   .01   .03   .01   .01   .01   .01   .01   .01   .02   .01   .03	.82 .47 .12 .43 .45 .45 .45 .45 .45 .45 .45 .46 .46 .46 .46 .46 .46 .46 .46 .46 .46
ADDISON DAM 45 ADDIFUSI 1 W WYETR WES BADLIFUSI 1 W WYETR WES BATTE BARLAN WATER WES BEREA COLLEGE BEREA CITY 1 E CORNIANTINE CORNIANTINE CORNIANTINE BENGWIYDE BARRETTS FORD BR BENGWIYDE BARRETTS FORD BR BENGWIYDE BARRETTS FORD BR FEANKLIN WATER WORKS	.03 .01 .02 .05 .17 .02 .01	.0 .0 .0	2 1 4 . 1 5 . 2 .	02 01 05 08 02	.01 * .14 * .01 .06 .01	.02 .03 .02 .01 .01 *	.03 .01 .02 .02 .01 .07 .01	.01	.01 .04 .01 * .07 .01 .03	.02 .03 .01 .02 *	.02	.01	.04	.01	.02	.02	. 01	. 01	.01		-	-		-		.30 .06 .05 .23 .12 .06 .09 .33 .12 .11 .27 .27 .12 .06

Station						A.1	M. Hou	ır əndi	ng									P. 1	M. Hou	ar end	ling	,				1
Jenon		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1
ST LOCK 3 LEYS MILL ZARD IDELBERG LOCK 14 RODON DGENVILLE NAT PARK NKINS WATER WORKS NTUCKY DAM	//	.30 .08 .01	.14 .05 .08 .02	.01	.03 .04	.04 .01 .01 .01 .06 .03	.03	.01 .04 .01	.03 .08 .01 .04	.01 .14 .02 .01	.02 .02 .08 .04 .01	.01 .02 .01	.01 .08	.01 .01	.01	.01	.01									
TUCKY DAM HINGTON WB AIRPORT ERTY TILE FICKMAN LOCK 8 LICK 1 S BODN POST OFFICE 15A LOCK 3 SYMAN FLD 15VILLE STAN WB AP 15VILLE WB CITY AS	11	.06 .20 .01 .08 .07	.02 .03 .02	.01 .03 .02	.02	.03	.07	.03	.01																	
ISONVILLE SVILLE DAM 33	//	.31 .38 .27 .01 *	.03 .01 .02 *	.02 .04 .03	.03 .01 .04 *	.01 .01 *	.04	.01 .03 .01 *	.01 .02 .03 *	.01	.01	.02	.02													
KINNEYSBURG DLESBORO CITY HALL LERSBURG EHEAD STA TEACH COL YE HILL NSBORO DAM 46 UCAH SCS NURSERY EVILLE	//	.20 .09 .08 .03	.20 .1S .04	.02	.03	* * .01	* * .14	* .24	.01	.16	.07	.08	.03	.01	-	-	-	-	-	-	-	-	-	-	-	-
VICK SEY LOCK 2 SEY LOCK 2 SEVILLE WATER WORKS SERSEYSILLE SEFFIELD 4 S SERSET HIWAY DEPT RAMS SAM SPRINGS	//	.01 - .36 .03 .04	.02 - .08 .01 .04 .02	.04	.02	.03	.02	.01	- .01	.03	.02	02	-	01	-	-	01	-	-	-	-	-	-	-	-	
PRINSVILLE ONTOWN DAM 49 F CREEK DAM DHURY LOCK 4	//	.08	.02	.10	.04	* .02	.03	.03	.02 * .06 .01 .02	.02	1.13		'.01 -12	th-									.02	.04	.05	
DS FERRY DAM SO EYS WILL LERSBURG UCAH SCS NURSERY ONTOWN DAM 49 DBURY LOCK 4	//												-13	th-										.01	.06 .02 .01	: I
TON 1 SW LING GREEN WB AP TRAL CITY 1 E NTON STANTINE DE SERBY DAM SO		.01 .01 *	. os	.08	.01	.01	.02	*			.06	.02	.05	.01												
IDS FERRY DAM SO INTLIN WATER WORKS LEYS MILL RIDON FTUCKY DAM CAS SISONVILLE		.01	.03	.01	.03	.02	*	.04	*02	•	.02	* .08 .07	.04 .02	.01	٠	.35										
LERSHURG USEY LOCK 2 ONTOWN DAM 49 ODBURY LOCK 4	//	.03	.02	.03 .02 .01 .02	.03 .01 .01 .02	.02 .01 .03	.02		. 01				-15	th-	_											
DISON DAM 45  LIPHUS 1 N  EBOURVILLE WATER WKS  TER HARLAN WATER WKS  LEA COLLEGE  LING GREEN WB AP	//		.03			.01	. 03	.01	.05	.01		.01	.03		. 01											
ROLLTON LOCK 1 INTON RBIN FELLA FORE HARRETTS FORD BR RONTON NUMBERING DOST OFF	6	.01	.01	.01	.01	.02	.03 .06 .02 .01	.02			.01	.01	.07	.01	.03	.02	.03	.01								
RDS FERRY DAM SO ET LOCK 3 LEYS MILL ZARD	//	:	:	:	.01	.05	.01 .01	* .05 .08 .02	.15 .04 .01 .01	.01	.02	.01	.01	.01	- ,01	-	-	-	-	-	-	-	-	-	-	
DEBYFILLE MAT PARK WKINS WAFER WORKS NTUCKY DAM XINGTON WE AIRPORT BERTY TILE HICKMAN LOCK 8 GLICK 1 S NOON POST OFFICE UISVILLE HOWMAN FLD UISVILLE STAN WE AP	"		.01		.02 .01 .02 .01		.02 .01 .03	.01 .08 .03	.01	.03		.01	.02		,51											
KIWNEYSHURG DDLESHORO CITY HALL	//	.02	.01	.01	01	.02	.01 .01 .02	.03	.01	.01		.01	. 03	.07	.03	.01										
ENSBORO DAM 46 DUCAH SCS NURSERY KEVILLE		.01	.03	.01	.01	.02	_	_	.02	.03	.01	.05	-	-	-	-	-	-	-	-	-	-	-	-		
UNSEY LOCK 2 LDIEVILLE WATER WORKS LLYERSVILLE LITHFIELD 4 S OMERSET HIWAY DEPT	//	-	-	-	.06	-	.01	.02	.06	.04	.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table 4-Continued				HO	UR	LY	PF	REC	IPI	TAT	'IOI	N										MARC	н 1949
Station			A.	M. Ho	ur end	ing									P	м Но	ur en	ding					7
Dianton	1 2	3	4 5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
STEARNS TOMPKINSVILLE UNIONTOWN DAM 49 WOLF CREEK DAM	.03 .04	.01	.01	.01 .01	.04	.01	.01		.01	.02 —16	.01	.03											.08
ADDISON DAW 45 BOWLING GREEN WE AP BOWLING GREEN WE AP CONTRAL CITY I.E. DUMDER BARRITTS FORD BE FORDE FERRY DAW 50 BE KENTICKY DAW KENTICKY DAW LOUISVILLE BOWMAN FLD LOUISVILL										-10	lii-								.05	.03 .02 .01 .04 .10	.04 .01 .04 .07 .07	.07 .03 .06 .08 .08 .08	.14 .03 .03 .11 * .19 .30 .08 .03 .03 .04 .03
LOCAS VILLE WB CITY LUCAS VILLE DAM 39 MADISON VILLE DAM 39 MADISON VILLE DAM 39 MILLERSEURD GAM 46 PADUCAH SCS MURSERY PADUCAH SCS MURSERY ATTATRAK DEPINGS UNIONTOWN DAM 49 MOODBURY LOCK 4																		.03	.02	.03 .01 .04 .02 .03	.08 .01 .10 .03 .08	.03 .01 .07	.03 .01 .20 .01 .03 .01 .25 .05 .16 .03 .25
ADDISON DAW 45 ADDISON DAW 45 ADDISON IN BATTER HARLAN WATER WKS BATTER HARLAN WATER WKS BENTON 1.5 W BEREA COLLEGE BOWLING GREEN WB AP	.06 .04 .02 .03	.03 .0 .04 .0	01 .01 02 .02 01 .02 .01	.02	.03	.02 .01 .01	.01		.01	-17 .01	th- .01	.01	.01	.02	.13	.10 .16 .02 .02	.11 .22 .13 .09	.31 .06 .08 .09	.12 .42 .24 .12	.19 .38 .10 .21	.16 .24 .10 .08	.03	1.28 1.80 .99
CARROLLTON LOCK 1 CENTRAL CITY 1 E CLINTON CORBIN DAYELLA DINNEE BARRETTS FORD DR	.02 .06	.06 .01	.04	.02 * .14 .01	.02 * * .02 .02	.01	.01 * * .01	.01	.01	.01	.01	.01	.01	.01	.13	.10	.03	.01 .09 .17 .10 .06	.02 .03 .05	.10 .22 .03 .11	.23 .21 .01 .09	.02 .20 .11 .01 .07	.64 1.19 1.21 .26 .89 .60
EDMONTON FLEMINGSBURG POST OFF FORDS FERRY DAW 50 FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL	.03 .02	.01	- * 04 .06	-	- * .03	.02	-	:	- * .01	.01	.01	:	.08	.18	.07	.10 .07 .15 .14 -	.10 .22 .01 .15 .18	.06 .15 .12 .03 .28	.13 .17 .06 .14	.10 .17 .12 .09 .15	.15 .16 .02 .06 .30	.30	.48 .77 1.41 .48 .94 1.47
HERNDON BODGENVILLE NAT PARK JENKINS WATER WORKS KENTUCKY DAN LEXINGTON WB AIRPORT	.03	.03 .0 .03 .0 .03 .0 .09 .0 .07 .0 .02 .0	05 .05	.02	.03	.02	.01	.01	.01	.01	-	-	-	-	.07	.01	.10 .06 .07 .20 .15	.15 - .18 .09 .10 .10	.15 .04 - .09 .06 .03 .20	.04 .13 - .09 .16	.15 .10 - .24 .10	.26 * .07 .08	1.21 .79 .55 1.09 1.28
LIBERTY LOCALICK 1 5 LITTLE HICKMAN LOCK 8 LOCALICK 1 5 LOCALICK 1 5 LOUISVALLE BOWMAN FLD LOUISVALLE 5TAN WB AP LOUISVALLE 5TAN WB AP LUCALS LUCAL WB CITY LUCAL MADISONVILLE	.02 .05 .03 * * .04 .01 .02 .01 .02 .01 .04 .01	.01	02 .05 01 .01	.01	.01	.01	.01 .01	.01	٠						,01	.13	.07 • .01 .15 .11	.12 .11 * .01 .16 .17	.11 .10 * .08 .10 .13 .10	.12 .09 * .14 .04 .04	.15 .13 * .13 .07	.25 .23 * .07 .04 .10	1.16 .88 * .44 .76 .88
MAYSYILLE DAM 33 MC KINNEYSBURG MIDDLESBORO CITY HALL MILLERSBURG MOREMEAD STA TEACH COL OLIVE BILL OFFENDED DAM 46	.02	.03 .0	-	.01	.15	.17	.16	. 10	.03	.01	.01	.01		.07	.17	.08	.19	.14 .05 .04 .08 .17 .16	.11 .12 .01 .13 .15	.12 .11 .15 .19 .03 .16	.22 .09 .02 .07 .08 .17	.25 .04 .01 .11	1.33 .81 .15 .37 .70 .90
PADUCAE SCS NURSERY PJESYLLE RATFICK RUMSEY LOCK 2 SALTERSVILLE SOURERSET BIWAY DEPT STEARMS	.01 .02 .02 .01 - .02 .01 .02 .02 .01 .05	.02	-	.01	.02	.02	01	-	-	-			.04	.01	.16 .02 .01 .17	.04 .13 .16 .08	.21 .02 .12 .15	.32 .01 .04 .14 .06 .08 .14	.15 .02 .07 .08 .02 .08 .02	.16 .10 .13 .10 .07 .14 .03	.11 .03 .12 .21 .07 .14 .05	.04 .10 .16 .05 .15 .03 .29	1.25 .45 .53 .82 .71
TATHAN SPRINGS TOMPKINSYILLE UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4	.04	.01					.03	.06	.12	.01	.01	.02	.03	.05 .15	.09 .12 .10	.10 .09 .11 .13 .13 .05	.16 .11 .39 .21 .20	.17 .13 .05 .22 .21	.04 .15 .29 .23 .06	.14 .14 .40 .20 .35	.29 .18 .20 .19 .33	.34 .22 .27 .17 .21	1.34 1.37 1.31 1.87 1.72 1.56
ADDISON DAM 45 ADDISHES I N BARBOURWILLE WATER WKS BEATTER BARRLAN WATER WKS BEDTION 1 SW BEREA COLLEGE BOWLING GREEN WB AD CARROLLTON LOCK 1 //	.03 .15 .05 .40 .38 .25 .31 .01 .02 .13 .09 .03 .04	.09 .1 .34 .1	0 .01 9 .06	.01	.10	.04	.02	.01	.02	-18t	h-												.03 .27 1.43 1.23 .03 .26 .18
CENTRAL CITY I E CLINTON CONSTANTINE CORBIN DAVELLA DUNDEE BARRETTS FORD BR EDMONTON	.03 .01 .01 .04	.02 .03 * * .12 .1	.01	.71 .02 .01	.01	* * .02	.01	* .02	,02	1.25 .07 .02	.03	.01		.01	.01								.08
FLEWINGSBURG POST OFF FORDS FERRY DAM 50 FRAMELIN WATER WORKS GEST LOCK 3 BALEYS WILL HAZARD //	.10 .05 .01 .02 .07 .01 * * .28 .21	.02 .04 .0	2 -	.01	.01	.02	.02	.02	.03	_ 1.20	-	-	-	-	-	-	-	-	-	-	-	-	.80 .04 .34 .28 .03 .11 - 1.20 .78 1.45
BERNDON BODGENVILLE NAT PARK JENKINS WATER WORKS	.04 .02	.18 .1	.01	.01	.02	.02	.01	.01	.01		-	-	-	-	-	-	-	-	-	-	-	-	.09

KENTUCKY WARCH 1949

Station						A.	M. Ho	ur end	ing									P. 1	M. Hou	ur end	ing				
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
ENTUCKY DAM EXINGTON WB AIRPORT HERRTY ITTLE RICKMAN LOCK 8 SCLICK 1 S NDON POST OFFICE DUISA LOCK 3	"	.06 .19 .17 .15 .18 *	.02 .10 .07 .08 .12	.02 .04 .03 .02 .04 *	.03	.01	.01	.02	.01	.03	.02			2.20 .04											
NDON POST OFFICE DUISVILLE BOWMAN FLD DUISVILLE STAN WB AP DUISVILLE WB CITY JCA5 DDISONVILLE DISONVILLE FINDEWSONDE	//	.03	.15 .02 .02 .01 .03	.02	.02	.01			.03	.02	.02	.03	. 06	.03		.01									
ICAS DISONVILLE C KINNEYSBURG IDDLESBORD CITY RALL DREHEAD STA TEACH COL INFORDYILLE LIVE HILL LENSBORD DAM 46 DUCAH SCS NURSERY	//	.02 .04 .05 .20 *	.05 .23 .14 *	.16 .07 *	.49 .04 *	.06		.02	.04	.06 .01 *	.01	.01	1.91	.03	.02	.01									
ADUCAH SCS NURSERY IKEVILLE AYWICK DWSEY LOCK 2 ADDIEVILLE WATER WORKS ALYERSVILLE		.03 .02 .10 .05	.02 .02 .28 .05	.01	.01	.09	.01		.02		.02	_	_	_	_	_	-	.02	_	_	_	_	_	_	_
MITHFIELD 4 S OMERSET HIWAY DEPT TEARNS	//	.19 .05 .25 .45	.21 .02 .17 .17	.03 .04 .03 .01	.01 .01	.03 .01 .01	.04	.05	.04	.01	.01		.06	.03	.02	.01									
NIAM SPAINGS OMPKINSVILLE NIONTOWN DAM 49 OLF CREEK DAM OODBURY LOCK 4	//	.25 .05 .26 .05	.02 .05 .02 .18	.01 .01 .02	.01	.01	.01	.02	.02	.03	.01		-19	th-											
TEARNS ENTON 1 SW LINTON ORDS FERRY DAM 50		.01	.01										-21				.03	.01	.14	.07	.04		,01		
DRDS FERRY DAM 50 RANKLIN WATER WORKS ALEYS MILL ERNDON ENTUCKY DAM ADUCAH 5C5 NURSERY																			01	.01 .10 .11	.01	.02	.02	.01	.01
IKEVILLE NIONTOWN DAM 49	//									06			-22	  d-					.01	.11	.03	.03	.01	.01	.01
DISON DAM 45 DOLPHUS 1 N REBOURVILLE WATER WKS KXTER HARLAN WATER WKS ENTON 1 5W	///	.01	.01	.08	.14	. 34	.10	.45	. 69	.01	.05	.01	.01	.01	.07	.01	.01	.02	.01		.10	.13			
EREA COLLEGE OWLING GREEN WB AP ARROLLTON LOCK 1 ENTRAL CITY 1 E LINTON ONSTANTINE	//	.02 .01 .68	.03 .07 .49	.05 .04 .15 .03	.07	.03	.01	.25	.02 .01 .08	.02 .02 .05 .02	.04	-	-	-	.03	-	-	-	-	-	-	-	-	-	-
ORBIN AVELLA UNDEE SARRETTS FORD SR DENINGSBURG DOST OFF	6	.01	.04	.04	.14	.58	. 25	.19	.16	.03	.02	.01	.02			.01 .20	.08	.04	.14			.07	.05		.02
DRDS FERRY DAM 50 RANKLIN WATER WORKS EST LOCK 3 ALEYS MILL	//	.02	.12	.25 .02 -	.13	.01	.03	.01	.02 .01 .04	.01		.01	.23	.01							.02			.13	
EIDELBERG LOCK 14 ERNDON ODGENYILLE NAT PARK ENKINS WATER WORKS	<i>'ii</i>	.01	.12	.16	.12	.01	.51	.10 .05 .01	.01	.01	.01		.01	.04	.06	.12	.02	.06	.01	.08		.02	.02	.01	.01
EXINGTON WB AIRPORT	//	-	-	-	-	-	-	.09	.04	- .02 .02	01	.01 .10 -	.06	.03	.01	.05	.09	.02 .02 .01 .01	.06	- .02 .04 .06	.01	-	-	-	-
OCLICY 1 S ONDON POST OFFICE OUISA LOCK 3 OUISA'LOCK 3 OUISYILLE BOWMAN FLD OUISYILLE STAN WB AP OUISYILLE TAN WB AP OUISYILLE TAN US AP OUISYILLE WB CITY UCAS			.01	.28 .32 .18	.15 .19 .14	.08	.01 .01 .02	.05	.03	.08 .08 .08	.02 .02 .12 .12	.01 .01 .01	.02	.09 .03 .04	.03		.01	.05	.13	.06	.05	.08	.17	.06	
ADISONVILLE AYSVILLE DAM 33 C KINNEYSBURG IDDLESSORO CITY HALL ILLERSBURG OREHEAD 5TA TEACH COL	//	-	-	-	-	.04	- 20	.01	.01	05	.05	.02	.06	.17 .01	.03	.03	.05	. 28	-	.04	. 05	.08	.01	-	01
UNFORDVILLE LIVE HILL WENSBORO DAM 46 ADUCAH SC5 NURSERY IKEYILLE		.03	. 04	.11	.01		.02	.04	. 02	.01				.01		.04	.04			.04			.01		
AAVHICK UMSEY LOCK 2 ADIEVILLE WATER WORKS ALYERSYILLE MITHFIELD 4 S OMERSET HIWAY DEPT	//	.03		.02	.02	.01	.26	.01 .05 .08	.02	.01 .02 .04	.03 .01 .01	.01	.04	.02	.17	.18	.04	,03	.02		. 36	.10		.12	.01
TEARNS ATHAM SPRINGS	//		.01	. 07	.17	.01	.02	.10	.02	.01		.01		.09	.17	.01	.18	.01 .03 .01	.05 .19 .02						
NIONTOWN DAM 49 OLF CREEK DAM OODBURY LOCK 4	6	.04	.13	.09	. 22	.06	.03	.08	.01	. 50	.01	.01	.01 <b>–2</b> 3	:03 3d-	.01	.01	.03								
JENKINS WATER WORKS LONDON POST OFFICE		.03									.01	.01	.01			.01									

						A	м н	our en	ding									P	м На	our en	ding					
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	в	9	10	11	12	Tota
KENTUCKY DAM													-24												.06	. 06
ADDISON DAM 45 ADOLPHUS 1 N BARBOURVILLE WATER WKS BAXTER HARLAN WATER WKS	8		.13	. 27	.11			. 42	.14	.01			-25	5th-	_										.03	.03
BAXTER HARLAN WATER WKS BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP CENTRAL CITY 1 E CLINTON		.10	.01	.28	.02	.14	.19		.03	.03													. 01	.01	. 01	.14 .42 .69
CONSTANTINE CORBIN DAVELLA DUNDEE BARRETTS FORD BR	6	.01		.04	.04		. 34	.03	.09	* .15	.07	.02	.06		.01									.01	.02	.12
EDMONTON FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL			. 21	.27	.01	.01	.01	.01	.02	.01		.01		.01									.01	.01	.01	.10 .52 .03 .55
HAZARD HEIDELBERG LOCK 14 HERNDON	//	.12	.14	.03	.14	.08	.01	.15	.06	.04	.01															. 22
HODGENVILLE NAT PARK JENKINS WATER WORKS KENTUCKY DAM LEXINGTON WB AIRPORT LIBERTY	//	.04	.01	.03	.03	.16	.10	.01	.09	.06															.02	. 28 . 15 . 04 . 30
LITTLE HICKMAN LOCK 8 LOGLICK 1 S LONDON POST OFFICE LOUISA LOCK 3 LUCAS	11		.03			.19 .05 .01 *	.10 .10 .10	.02 .13 .16	.03	.02 .03 .01	.01															.41 .45 .33 .38
MADISONVILLE MAYSVILLE DAM 33 MIDDLESBORO CITY HALL MILLERSBURG MOREHEAD STA TEACH COL	//	=	-	.33	.17	.01	- - .07	- .03 .08	-	- .01	-	-	-	=	_	-	-	-	-	-	-	-	.01	.01	-	.54
MOREHEAD STA TEACH COL MUNFORDVILLE OLIVE HILL OWENSBORD DAM 46 PADUCAH SCS NURSERY PIKEVILLE								.08	.11	.03												. 09	.19	.06	. 02	.32 .34 .13 .05
PIKEVILLE RAYMICK RAYMICK RUMSEY LOCK 2 SADIEVILLE WATER WORKS SALYERSVILLE	//		.01	.01	.08	.09	.03	.01	.05	.06	.11	.02												.02		.24
SOMERSET HIWAY DEPT STEARNS TATHAM SPRINGS TOMPKINSVILLE			.01	.02	.15 .13 .06 .26	.14 .30 .09	.05 .10 .04	.06	.02	.15	.03	.04														.51 .40 .55 .19
UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4	//		. 02	.06	.25	.10	.04		.01				-26	th-									.03	.02	.04	. 46 .07 .46 .28
ADDISON DAM 45 ADOLPHUS 1 N BENTON 1 SW BOWLING GREEN WB AP CARROLLTON LOCK 1 CENTRAL CITY 1 E	//	.01	.01	.01	.05	.35	.13	.02					20		٠	٠		.01	.10	.19	*	.03	.04	1.12	.01	1.69 .39 2.28
CONSTANTINE CORDIN	6	.16	.01 .02 .40	.06 .05 .07	.10 .30 .08	.07 .16 .10 .49	.30 .04 .02 .29	.01	.01	.01	. 01	.02					.08	.43	.20	.02	.15	.07 .03 .34	.11 .13 .01 .03	.18 .25 .24	.01	.54 1.51 1.37 2.83 1.63
DAVELLA DUNDEE BARRETTS FORD BR				.01	.01	.24	.13	.02			.01	.01	.75		.03				.02	.01	.08	. 24	.26	.11 .05 .03	.17	.20 1.34 .11
RUMONTON THE SERVICE OF STANKING WATER WORKS GEST LOCK 3 HALEYS WILL BERNDON		.05	.01	.42	.06 .05 .08	.16	.02	.01	.46	.02	.01							.18	. 35	.59	.75	.25	.16 .17 .19	. 03	.02	3.00 .63 1.73 1.54
HODGENVILLE NAT PARK KENTUCKY DAM	11	.03	.30 .01 .02	.28	.02	.11	.44 .03 .03 .01	.04			.01			.01				.12	.10	.60	.12	. 85 . 06 . 03	.15 .10 .03 .05	.21 .28 .42 .05 .57 .02	.02 .19	1.88 .95 2.42 .34
LITTLE HICKAN LOCK S LOUISYLLE BOWMAN FLD LOUISVILLE STAN WB AP LOUISVILLE WB CITY LUCAS MADISONVILLE		.01	.04	.02 .03 .21	.04	.12 .11 .20	.41 .45 .55	.15 .14 .12	.02													.05 .10 .10	.18 .23 .25	.11 .06 .07	.16	.32 1.10 1.23 1.66
MAYSVILLE DAM 33 MC KINNEYSBURG WILLERSBURG MOREHEAD STA TEACH COL WUNFORDVILLE	//	.01	.01	.01	.01	.04	.04 - .03 .02	.06 - .10 .09	.14	.04	.14	.02	.01	-	-	-	-	-	.01	.12	. 43	.93	.01	.03	.14	.70 .30 .24
DLIVE HILL OWENSBORO DAM 46 PADUCAH SCS NURSERY		.02	.01 .07 .33	.01 .09 .36	.02 .17 .01	.01 .07 .04	.02	.01	.01	.01								.17	.02	.08	.18	.02	.19	.01	_	.05 .07 1.39
RAWNICK RUMSEY LOCK 2 SADIEVILLE WATER WORKS SALYERSVILLE SMITHFIELD 4 S	//		.03	.02	.22	.14	.03	.02	.03	.07				-	_	-	-	-	-	.01	·11	.76	.09	.11	-	.50 1.98
SMITHFIELD 4 S FATHAM SPRINGS FOMPKINSVILLE UNIONTOWN DAM 49 WOODBURY LOCK 4	//	.10	.25	.38	.02	.01	.09	. 15	.05	.01	.01						.14	.07	.23	.28	. 34	.05	.20 .13 .24 .50	.20	.20	1.69 .58 .19 2.44 1.38
ADDISON DAM 45 ADDIPHUS 1 N BARBOURVILLE WATER WKS BAXTER HARLAN WATER WKS	"	.01	.01	.13	.10	.03	.04	.16	.01		.02		.05	.04	.03	.02	.02	.01	.03	.06	.04	.02	.02			.06 .64
BAXTER HARLAN WATER WKS BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP CENTRAL CITY 1 E CLINTON		.12	.01 .07 .10	.11	.14	.06	.01	.05	.01		.01	.01		.05	.06	.01	.01		.02	.03	.04	. 01	.05	.03	.01	.40 .01 .39 .28 .01
				- 1						- 1																

KENTUCKY HARCH 1949

						A.	M. Ho	ır end	ing									P. 1	M. Hou	ır endi	ng					-
Station		ı	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Tota
CONSTANTINE CORSIN 6 DAYELLA DUNDEE BARRETTS FORD BR EDMONTON FLEMINGSBURG POST OFF	.0	3 .	.01 .01 .23 .32	* .27 .01	.01	.03 * .04 .08 .02	.06 .82 .01 .09	.07	.02		.01		.05	* .02	*				.21	* .02	.04		* .04	•	.09	.18 .25 .15 1.25 .45
FLEMINGSBURG POST OFF FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL 8.2.ARD // HETDELBERG LOCK 14 HERMOON 8.DOGENVILLE NAT PARK 8.DOGENVILLE TAN PARK	.0		.01	.01 .01 .03 .03	.15	.04 .08 .05	.22	.03	.01	.02		.01	.06	.02	.03	.02	.01		.03	.04	.01	.05	.02	.03		.45 .55 .04 .06 .63 .39 .13 .09 .36 .40 .94 .38 .23 .85 .24 .06 .04 .75 .02 .27
JEKKINS WATER WORKS LEXINGTON WA AIRPORT LISERTY BICKMAN LOCK 8 // LITTLE BICKMAN LOCK 8 // LOGLICK I S LONDON POST OFFICE LOUISA LOCK 3	.3	9 .	.02 .27 .09	.17 .02 .06 .08	.23 .14 .02 .25	.05 .02 .03 .11	.04 .02 .01 .04	.02	.02	.01	.01	. 05	.04	.01	.01	.03	.01	:08	.03	.04	.02	.03	.02	.01		.40 .94 .38 .23 .85 .24
LOUISVILLE SOWMAN FLD LOUISVILLE STAN WB AP LOUISVILLE WB CITY LUCAS MAD SOWVILLE MC KINNEYSBURG // MIDDLESBORG CITY HALL	.0	1 .	.17	.01 .23 .02	.08	.01	.03	.01	.02 .01 .01	.02		.01	.01	.03	.06	.01	.01	.02	.01	. 05	.03	.04	.04	.03	.01	.06 .04 .75 .02 .27 .64 .42
MILLERSBURG MILLERSBURG MOREREAD STA TEACS COL MONTREDILLE OPENSBORO DAM 46 PADUCAE SCS NURSERY PERSYLLE	.0	1 .	.07	.02	.03	01	-01	.01	.01	-	-	-	-	-	.05	-	-	-	-	-	-	-	-	.01	-	.06 .03 - .28 .33 .01
RAYWICK RUMSEY LOCK 2 SALVERSVILLE // SOMERSET SHWAY DEPT STEARNS TATRAW PRINGS TATRAW SPRINGS WOLF CREEK DAW WOODBURY LOCK 4	.3	1 16	.06 .02 .27 .40	.24 .01 .26 .20	.13 .32 .03 .18	.03 .06 .19	.18 .03	.02	.01	.01 .01 .02		.01	.02	.01	.03	.02 .02 .02	.04	.01 .01 .05	.01 .01 .06	.03	.04		.01			.01 .45 .61 .95 .12 1.20 .87
WOODSURY LOCK 4  DAVELLA MIDDLESSORO CITY HALL MOREHEAD STA TEACE COL	.0	01	.01	.01	. 02	,01			.03				-28 -30													.02 .04 .02
ADDISON DAM 45 ADDLPHUS 1 N AATER HARLAN WATER WKS SENTON 1 SW SEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1 //											. 05	.01	.09	.04	.27 .03 .09	.03	.03	.01	.01	.03	.01	.02				.45 .10 .03 .35 .12
CARROLATON LOCE 1 // CENTRAL CITY 1 E CLINTON CONSTANTINE DAVELLA DUNDER SARRETTS FORD BR EDMONTON FLEMINGSBURG POST OFF												.01	.09 .35 .24	.32 .14 .47	.18 .06	.04 .03 .05	.02 .02		.03		.07		.01	.24		.35 .12 .40 .29 .64 .50 .85 .07 1.04
FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL HAZARD //										.01	.12	.02	.02	.10	.09 .12 .13	.01 .11 .01 .04	.01 .02 .25	.07	.01	.05	.01	.01	.01	.04		.35 .45 .38 .33 .32 .62 .03 .15
HERNDON HODGENVILLE NAT PARK JENKINS WATER WORKS KENTUCKY DAM LEXINOTON WB AIRPORT									.08	.09		.04	.65	.06	.18	.03	.03 .04	.04 .47 .03	.02	.01	.01	.02	.01		. 05	.47 .08 .54 .90
LIBERTY LITTLE SICKMAN LOCK 8 // LOCALICK 1 S // LONDON POST OFFICE LOUISA LOCK 3 LOUISYILLE BOWNAN FLD LOUISYILLE BOWNAN PLD LOUISYILLE WE CITY LUCAS MADISONVILLE												.20	.03	.09	* .01 .02 .05	* .30 .35 .12	.02 * .03 .05 .03	.19	.06	.02	.01	:	:	:	.09	.90 .28 .03 .09 * .34 .42 .22 .47
HAVI SOVELLAM 33  MAYSYLLEY SDURG MINDLESSORO CITY HALL MILLERSBURG MORRIERAD STA TEACS COL MUNFORDVILLE OLIVE HILL OWENSORO DAM 46	-		=	:	-	1	:	-	1	=	=	.08	.13	.10	.07	1	.01	- .32 .03	.22 - .26 .42	.08 - .01 .02	.02	2	.02	.01	=	.32 - .59 .51 .41 .36 .79 .52
PADUCAM SCS NURSERY PIKEVILLE RAYWICK RUMSEY LOCK 2 SADJEVILLE WATER WORKS SALVERSVILLE SAUTEFILD 4 S	,  -		-	-	-	-	-	.01	-	.12	.02	.03	.07	.12	.17 .12 .07 .05	.05	.21	.03	.02	.02	.01	.01	.01		-	.85
SWITHFIELD 4 S SOMERSET HIMAY DEPT TATHAM SPRINGS TOMPKINSVILLE UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4	,											.20	.03	.10	.07 .05 .11	.27 .17 .05 .08	.14 .18 .01	.01							.07	. 13 . 37 . 22 . 56 . 23 . 49 . 35 . 38
ADDISON DAM 45 8 ARBOURVILLE WATER WKS 8 AXTER BARLAN WATER WKS CLINTON CONSTANTINE		01 01	.01	.06	.01	.01	.01	.04					<b>-</b> 3:	Ist-									.01	.01		.02 .10 .03 .04 .02

Table 4-Continued

Table 5

MARCH 1949

Station						A	м Но	ur enc	ling										Р М Н	our er	paibe					78
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3		4	5 6	7	8	9	10	11	12	Tota
CORBIN  EDMONTON  FRET LOCK 3  FRET LOCK 3  EDMINON POST OFFICE  COUISVILLE BOWMAN FLD  COUISVILLE STAN WB AP  LUCAS  MATSVILLE DAM 33  MATSVILLE DAM 33	6	.01	.01		.03	.01	.01	.01	.02					•	٠		٠	•	٠		٠			.01	. 34	.0:
MIDULESBURG CITY HALL.  MOREMEAD STA TEACH COL.  PIKEVILLE  SMITTFIELD 4 S  SOMERSET HIWAY DEPT  STEARNS  TATHAM SPRINGS  WOLF CREEK DAM		.01 .01 .03	.01		-	-	.01	_	.01			-	-		-	-		-	-	-	-		. 03	-		. 0; . 0; . 0; . 0; . 0; . 0;

## DAILY TEMPERATURES

Station																Day	of mo	nth															e de
Jiadon	,	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ANCBORAGE	MAX	37 17	44 16	52 23	60 27	73 42	65 36	39 18	57 34	51 43	49 31	35 28	32 22	48 25	50 21	43 24	42 16	40 34	38 28	35 22	58 24	67 38	63 49	49 41	77 34	75 54	77 59	71 54	70 42	73 38	47	62 52	54.4 33.5
ASHLAND DAM 29	MAX	27 20	34 22	48 21	46 25	62 25	73 46	53 26	45 25	63 32	53 43	47 33	38 28	38 20	48 20	54 21	36 16	44 17	42 33	37 27	42 22	57 22	73 34	68 46	52 36	80 35	75 52	81 56	73 47	64 36	77 36	77 41	54.4 31.7
BEAVER DAM	MAX MIN	38 15	49 20	55 18	67 24	75 45	66 37	48 19	58 33	58 41	53 28	44 25	43 21	51 26	53 24	43 19	45 14	45 33	45 26	46 20			65 43	56 38	78 36	76 51	78 57	73 57	71 40	74 42	70 48	66 50	58.2 32.8
BEREA COLLEGE	MAX	30 17	45 19	48 31	58 33	73 51	67 40	45 20	60 31	55 42	52 32	40 29	38 24	46 25	50 22	40 22	45 16	49 32	40 27	40 24	63 30	72 47	65 53	58 41	79 40	75 57	80 62	75 58	65 44	74 41	77 52	75 60	57.4 36.2
BOWLING GREEN WB AP	MAX	38 19	50 27	57 24	65 29	73 46	59 31	48 25	59 37	56 45	52 32	45 29	45 26	50 30	51 29	38 23	44 20	48 38	42 28	45 25	63 29	71 41	66 45	55 39	77 37	74 57	76 61	68 50	69 47	73 43	69 55	68 55	57.9 36.1
BURGIN DIX DAM	MAX	33 19	48 20	53 26	64 29	73 49	72 43	48 24	60 32	58 44	53 34	43 31	42 24	49 34	51 26	50 25	46 18	47 33	45 39	43 25	63 27	71 45	69 51	61 43	78 33	75 54	73 40	69 59	68 45	75 37	75 50	69 50	58.8 35.8
CAMPBELLSVILLE	MAX	38 15	48 20	55 24	62 28	74 51	66 44	50 20	58 34	53 42	51 32	45 28	43 22	50 30	52 25	42 25	45 17	48 35	46 28	47 23	63 29	70 46	66 53	59 42	79 38	73 55	77 45	71 59	70 45	75 59	75 51	70 57	58.7 36.2
CORBIN	MAX MIN	34 17	46 19	54 22	64 27	74 49	65 31	44 22	62 31	55 42	52 33	43 31	44 27	48 27	53 25	47 21	50 14	52 36	46 30	45 32	64 35	70 45	65 51	60 41	80 34	79 57	83 66	74 53	62 41	76 34	74 52	78 49	59.5 35.3
COVINGTON W B AIRPORT	MAX	33 20	44 20	41 33	61 30	69 43	48 28	41 20	55 34	47 41	43 31	34 26	33 22	46 23	48 25	32 18	38 16	44 30	35 25	37 19	55 27	69 43	61 42	47 40	72 39	73 61	73 54	68 48	67 43	71 47	72 50	70 48	52.5 33.7
DANVILLE	MAX	45 18	35 20	47 30	54 30	62 34	72 43	52 21	47 22	60 37	53 42	44 29	42 23	41 24	49 26	52 25	33 17	45 20	47 29	40 24	42 25	63 27	70 47	61 41	49 35	78 37	73 56	80 61	69 45	69 39	75 45	75 57	55.6 33.2
FARMERS	MAX	29 21	31 16	45 17	46 22	63 24	70 43	50 22	45 26	60 32	52 42	50 30	39 26	38 19	48 19	50 22	32 13	44 18	45 30	37 25	42 23	61 31	74	65 42	52 33	80 41	75 57	80 60	72 43	66 32	74 40	76 45	54.5 30.5
FRANKFORT LOCK 4	MAX	30 21	34 18	49 19	50 26	63 25	72 42	50 22	45 22	61 34	53 41	45 30	42 25	41 25	50 23	54 23	36 17	46 17	47 30	40 26	45 25	61 25	71 35	65 43	49 33	78 33	78 58	77 58	70 44	69 37	72 37	72 46	55.3 31.0
GREENSBURG	MAX	33 16	38 20	48 22	63 30	63 30	73 46	51 23	48 25	58 37	54 40	40 30	44 24	43 24	50 25	52 26	34 17	46 18	48 31	41 25	46 25	65 32	72 44	64 44	53 35	80 38	75 57	78 62	67 46	68 39	75 40	76 55	56.3 33.1
GREENVILLE 2 W	MAX	37	50 24	59 23	66 31	74 51	71 41	48 25	58 36	55 45	54 31	42 25	43 25	50 29	52 30	43 23	45 18	45 36	43 29	45 22	66 28	69 49	65 52	57 41	77 41	75 55	78 61	73 60	72 42	74 45	69 52	68 55	58.8 36.9
HEADQUARTERS	MAX	31 20	48 20	55 20	55 19	54 25		55	52 40	48	60 33	50 32	38 33	42 36	52	50 29	48	52 39	44 34	48 35	58 34	71	72 54	62 49	70	50	70		65 56	62 52	35		54.6 36.0
HENDERSON 4 SW	MAX	36 20	50 24	52 30	66 33	73 49	67 38	66 25	67 25	66 46	50 30	39 27	39 25	47 31	52 29	43 21	42 21	42 36	41 29	41 25	64 33	70 46	65 46	53 39	76 39	76 56	76 61	67 56	72 44	72 49	68 56	66 49	58.2 36.7
BINDMAN SETTLEMENT SCB	MAX	32 20	32 17	45 18	48 21	64 24	71 47	55 26	44 27	62 36	53 43	46 32	39 27	41 20	49 20	55 26	32 10	47 22	52 33	34 28	58 22	63 28	74 49	72 47	58 33	82 34	75 53	83 59	71 49	62 30	78 39	79 52	56.6 32.0
HOPKINSVILLE 2 E	MAX MIN	39 16	50 25	56 22	65 27	73 40	62 40	48 21	59 33	55 38	46 28	43 24	40 26	45 28	50 32	40 21	47 17	47 33	43 25	49 21	67 26	69 43	60 36	70 40	77 45	68 53	77 58	65 57	73 40	65 47	63 43	66 50	57.3 34.0
IRVINGTON	MAX	40 16	50 19	55 23	64 29	72 49	65 36	48 21	57 36	51 45	49 31	44 25	44 21	49 30	54 26	42 24	43 18	43 32	43 29	45 23	62 28	71 47	65 46	51 41	77 35	74 58	76 60	72 55	70 44	74 44	68 50	67 53	57.6 35.3
LEITCHFIELD	MAX	36 16	47 22	53 24	64 28	72 47	67 41	46 21	56 35	53 44	53 30	42 25	42 21	48 30	50 26	44 23	44 17	45 34	42 29	44 22	63 29	71 45	65 49	53 40	76 37	75 54	77 59	72 59	69 44	73 42	70 50	70 54	57.5 35.4
LEXINGTON WB AIRPORT	MAX MIN	31 19	44 18	47 27	61 31	70 45	53 27	43 21	58 34	49 43	51 32	40 26	37 23	45 24	48 26	35 21	12 16	43 32	37 27	40 24	59 26	69 43	61 44	48 40	75 38	70 57	76 60	69 50	66 44	71 43	72 53	71 43	54.2 34.1
LOUISVILLE STAN W B AP	MAX	34 19	50 21	54 31	66 30	73 49	50 30	48 25	60 36	49 44	48 31	43 29	42 25	47 30	49 27	34 23	43 20	43 33	42 29	44 27	62 29	72 47	65 44	50 40	78 37	77 62	77 60	68 50	72 45	75 43	71 52	69 44	56.6 35.9
LOUISVILLE WB CITY	MAX	34 20	48 24	53 33	64 33	72 49	49 29	46 25	57 38	49 44	46 31	39 29	38 25	45 30	51 32	32 23	41 23	43 32	39 28	43 27	60 32	71 49	64 44	49 42	76 39	74 64	76 61	67 52	69 48	73 49	69 54	68 44	55.0 37.2
FOALTCEAILTE	MAX	40 20	52 28	57 25	67 30	73 49	70 40	52 22	60 37	55 48	51 30	40 24	38 30	46 30	54 30	50 23	45 19	44 37	46 27	47 23	67 28	71 46	60 48	64 38	76 44	78 55	76 61	66 55	75 39	75 44	71 53	70 52	59.2 36.6
MADISONVILLE 1 SE	MAX MIN	30 19	39 20	48 25	55 30	64 35	70 40	52 23	49 26	59 42	53 32	35 27	39 25	44 27	48 28	53 24	37 19	45 24	44 29	40 22	45 27	65 36	70 53	62 41	58 41	77 45	75 58	78 62	65 43	72 43	73 49	67 59	55.2 34.6
MAMMOTB CAVE PARK	MAX	34 14	36 18	48 20	56 26	64 41	72 43	53 21	47 29	58 43	54 33	36 27	44 23	44 29	50 23	50 25	33 11	44 29	48 29	41 20	46 25	64 43	71 54	66 41	55 35	79 52	73 58	79 61	69 42	68 37	74 58	73 61	55.8 34.5
MAYFIELD 2 S	MAX	39 16	50 25	58 27	65 32	72 43	67 38	49 22	60 36	56 45	53 26	40 21	38 26	45 28	52 29	50 20	45 19	44 34	43 24	46 22	65 27	68 46	62 46	61 33	75 45	73 51	76 58	70 51	71 40	72 46	71 54	67 51	58.2 34.9

KENTUCKY MARCH 1949

### DAILY TEMPERATURES

Table 5-Continued

Part I																Day	of mo	nth															erage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
MAYSVILLE DAM 33	MAX	20	32 19	45 19	44 24	61 24	70 43	46 25	42 25	58 32	49 41	44 33	36 25	35 20	44 21	48 21	29 15	41 14	44 31	37 25	39 22		74 37	59 43	51 34	76 34	73 55	80 57	71 45	86 37	72 37	75 44	53.1 30.7
MIDDLESSORO	MAX MIN	41 19	53 20	57 20	65 24	73 35	70 46	53 25	66 31	60 43	53 34	49 33	48 30	55 28	56 26	53 26	51 15	53 39	49 32	51 27	64 25	70 36	67 55	65 48	82 37	77 56	81 58	81 59	64 50	78 34	75 45	80 81	62.5 36.0
MOUNT STERLING	MAX MIN	31 19	45 20	45 30	62 29	71 48	69 41	45 22	60 32	57 42	50 33	38 22	38 25	47 24	52 25	47 23	44 17	46 33	46 29	44 24	81 26	72 41	69 54	60 47	79 38	78 54	79 60	77 81	66 45	69 24	77 38	75 80	58.0 35.0
MURRAY	MAX MIN	43 20	54 29	60 25	68 29	67 48	67 46	53 25	63 40	59 49	56 27	46 25	40 29	46	52 31	47 25	50 20	47 38	45 28	48 24	68 32	70 55	63 50	62 37	79 44	76 57	79 61	71 55	72 41	75 45	70 55	67 55	60.1 38.2
OWENSBORO	MAX	40	39	47	50	66	72	46	45	54	56	45	40	42	51	49	34	42	43	41	42	62	70	63	57	76	78	76	65	74	75	75	55.3
PADUCAH NO 5 FIRE STA	MAX MIN	37	38	52	58	69	75	54	49	61	49	36	39	39	47	59	32	46	44	44	44	67	72	61	60	79	78	79	63	80	72		58.5
PRINCETON	MAX	41 12	53 25	58 22	68 26	75 38	67 39	49 25	60 31	55 41	52 32	42 24	45 27	48 30	53 30	45 24	48 17	45 37	45 28	48 29	68 25	72 41	65 48	63 40	69 39	76 52	80 60	68 55	72 36	75 40	69 48	69 48	59.5 34.5
RICHMOND TEACHERS COL	MAX MIN	44 17	29 18	45 22	48 28	82 40	71 42	49 20	45 26	59 38	52 41	43 28	39 24	38 24	45 25	50 21	30 17	44 26	47 28	35 23	44 26	59 38	70 52	62 40	50 37	78 44	75 57	79 81	67 43	85 36	73 47	76 59	33.8
RUSSELLVILLE	MAX MIN	36 20	38 20	50 25	55 26	64 40	72 46	55 27	47 28	60 43	55 32	36 29	45 28	45 28	48 30	51 27	35 20	48 20	49 30	45 25	45 28	64 37	70 51	66 45	57 45	78 47	78 60	80 83	67 45	70 50	54	71 60	58.0 36.4
ST JOHN SETHLEHEM ACAD	MAX MIN	30 17	36 20	48 23	54 26	63 36	71	51 21	46 24	57 32	51 28	37 27	43 23	41 25	47 25	49 24	33 17	44 22	44 29	41 24	48 22	61 32	70 42	63 41	57 37	76 43	72 51	75 51	86 43	70 41	73 47	68 43	31.2
SCIENCE SILL	MAX	35 17	47 19	54 21	63 25	71 44	67 43	48 21	60 31	55 42	51 32	43 29	42 24	50 28	52 25	47 24	45 15	49 34	47 29	45 25	63 27	69 42	63 53	57 42	77 39	75 56	80 61	75 57	67 47	74 38	75 51	74 59	58.1 35.5
SCOTTSVILLE	MAX MIN	39 17	49 24	57 23	65 33	75 49	70 45	50 24	60 35	57 45	57 33	46 29	45 25	51 31	52 28	51 26	48 17	49 38	48 30	48 22	66 28	70 48	68 45	67 43	80 37	77 57	79 65	77 56	70 47	76 41	74 53	72 61	37.
SHELBYVILLE 2 W	MAX	29 12	33 12	47 21	57 27	63 30	72 38	57 21	46 24	60 35	49 33	35 27	43 22	41 25	46 23	51 22	33 17	43 22	44 27	39 23	42 25	60 32	72 44	69 40	48 35	77 41	74 58	75 60	68 43	69 41	74 49	70 56	31.8
WEST LIBERTY WATER WKS	MAX	32 22	32 19	43	48	64 24	72 45	58 28	60	62	51	52 32	38 28	37	49 24	55	33 14	47	47 32	35 28	44	61	75	66 44	53 34	82 58		81	78 43	64	71 46	72	56.0
WILLIAMSSURG	MAX	38 15	39 20	55 20	64 24	75 42	69 45	50 21	61 27	57 41	55 33	46 30	45 24	51 32	54 25	53 24	51 15	54 37	52 30	47 24	82 28	68 41	67 55	83 45	79 34	78 56		81 57	63 49	74 33	75 50	79 58	35.3
WILLIAMSTOWN	MAX	18	19	20	30	40	36	20	24	34	34	27	22	23	27	20	12	22	24	20	25	33	55	40	36	43	59	60	43	42	52	55	32.
WOLF CREEK DAM	MAX	39 16	52 23	58 22	66 26	76 50	66 36	51 24	62 35	57 46	57 36	46 32	47 28	52 28	54 26	35 19	49 18	52 43	40 33	48 26			65 48	60 38	82 37	78 58		69 57	69 42	78 38	78 52	76 53	

# EVAPORATION AND WIND MOVEMENT

T	a	b	le	6

Table 6																																		_	-
																Day	of m	onth															-78	urture	3
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tot	Dep	BOTTE
WOLF CREEK OAM	EVAP	81	.135	.033	.075		.352	.116	,091 18	.086 28		.064 108		.211	.060 16	.081		. 111	ж 39			.128 27	.246 126		.073 8	. 144 37		.222 148		.116			3.006B 1283		

Station	Index No.	County	Drainage:	Latitude	Longitude	Elevation	Temp. quel		Refer to tables		Station	Index No.	County	Drainage;	Latitude	Longstude	Elevation	Temp. Temp.			eter to blee
MAPROB 1 N MV MORAOM	0043 0085 0153	BRECHINGIUGE ALLEN PLOYD JEFFHRBON PIEE	3 1 7	37 56 3E 38 37 33 3E 18 37 15	N8 34 M5 10 N3 43 83 33 M2 28	700	79	SA COMPS OF ENGINEERS 7A IOSLL M OSAMING MA NAMMIE AUXIES 7P C M SARMET SA MARY E RATLIFF	3 4 3 4 3 3 3 3 6		LOUISA LOCK 3 LOUISVILLE SOWMAN FIELD	4951	CLARE LAUREL LAWRENCE JEFFENSON	3 I 7	37 81 37 08 38 07 38 13 38 11	X4 02 M4 05 M2 37 X5 40 X6 44	584 55E	- 7	MA MEB N BURGHEN MA M W MC NAMBER 7A NUSMELL T WHEELME HIO US WEATHER MURBAU HIO UN WEATHER EUNMAU	3 3 3 3 3 3	4 4 4 4 4 5
UNITOWN TATER WAS	03E1 03HE 043E	HOYD HNOM NKLSON TAYLOR BARLAN	8 3	38 27 38 52 37 42 37 19 38 61	53 38 83 33 55 28 85 10 83 80	534 1000 837	79	7A CORPS OF ENGINEERS 7A JOHN E SMARTON 7A MRS POPE SISCO 7A CLAUDE CAVE & 8 ELS MID CYRUS & LATSON	3		LOUISVILLE WE CITY	4958 4987 5002	JEFFRESON JEFFKRSON BALLARD BAMHEN SOPKINS	8 3	3E 17 38 15 3E 5M 38 53 37 20	85 4M 85 43 88 50 88 02 87 30	403 457 47E 400	7A 8P	SA US MNGINXEMS 7A US WKATNEM BURMAU 8P BLAINM MALONE 8A CECIE U MMITT EA MHASHEE C SACON	2 3 2 3 3 CL	4 5 5 4 08EO
REAL COLLEGE	0585 0811 081E	ONIO EARLAN MARSHALL MAOISON WADISON	H H 4	37 E3 38 5E 38 51 37 34 37 34	88 52 32 57 88 22 84 18 84 18	1070	8F 8A 6P	SP S O TOUNG EA C C SEITEARES SA BENTON WATHE FOMES SP JAMES A OROSSMAN 7A MRS L S GAFFARD	2 3 5 3 3 5 3 4 2 3 4 5		MAYFIELD 3 8	5097 5110 5230 5232	HOPEINS EDMONSON CLAY GRAVES GRAVES	3 4 8 6	37 19 37 11 37 02 38 44 38 42	HB 35	384	5P	7A J W MC COY 8A ORANVILLE 8 LILES 7A EARL HOWARD TVA SP MHS JOE PAYNE	3 3 2 3 2 3 3 2 3	4 5 5 5
LING GREEN LING GREEN SUBSTA LING GREEN WE AP	0904 0907 0809	HELSOM WARNEN WARMEN WARREN CAMPBELL	3 :	37 48 37 00 37 01 38 38 39 03	85 42 88 28 88 28 88 38 84 23	430 638 470 635 488	1.á	7A MRS PAULENT COT 7A JAMES & EDWARDS TYA 1A US WEATHER SUREAO 7A CORPS OF ENGINEERS	3 3 3 3 4 5		MIDDLESDORO CITY HALL MIDWAY 3 3	6389 5394 5407	MASON PENDELTON BELL BELL BELL WOODFORD	2 4	38 38 38 38 38 37 38 38 38 07	83 43 83 44 84 42	810 1128 1130	8P 5P	SA CORPS OF ENGINEERS 7A AMANDA A AULICM 3P HUGH ALLEN 4TO CITT OF MICOLESBORE SA JOHN E NUGENT	3 3	4 3 4 5 4
MSIDE HE LOCE E	1127 1156 1208	EDMONSON MERCES PULASEI TRIGG TAYLOS	3 3 3	37 48 38 59 38 48 37 20	88 18 84 43 84 37 87 38 85 21	410 770 708 434 777	49	7A CORPS OF ENGINEERS EA C W WILLIAMS 7A SARAH E LXWIS 7A CORPS OF ENGINEERS 6P ALVA MC SINLEY	3 3 6 3 3 3 3 5	6	MONTICELLO MORRIEAD STA TEACS COL MOUNT STERLING	5438 5524 5555 5640	BOURBON GRAYSON WAYNE ROWAN MONTGOMERY	5 5		84 3I 83 26 83 57	910 770 930	5P	8A MRS ANY L POTTS 8A MRS O M LAWLEM 7A E O COOPEM 8A H C HAGGAN 5P FREO CARTMILL	3 3 3 3 2 3	4 5
FTRAL CITY WATER WES	1439 1831 1704	CARROLL MUNLENBERG EICEMAN MAD18ON ADAI9	4 3 8 4 3	38 41	85 11 87 07 89 00 24 08 85 18	480 440 729		7A CORPE OF ENGINEERE MID CHN CITY WATER WES MID WOODSON O FRANKLIN SA CORPS OF ENGINEERS 7A MERS HAZEL E PICKETT	3 4 3 4 3 4 3 3		MUNFORDVILLE MURBAY OLIVE HILL OLNEY ONEONTA OAM 35	5694 6012 8020 8033	HAST CALLOWAY CARTER HOPKINS CAMPHELL	7 7	37 18 38 36 38 18 37 13 38 58	83 11 87 47 84 18	753 380 497		7A SAM CRADDOCM SP MURRAY WATER SYSTEM SA MRS W P FULTZ JR SA ART D WILLIAMS 7A CORPS OF ENGINEEPS	3	4 5
BIS FATER WONES	1806	BRECEINRIDGE WHITLET WHITLEY EENTON HARRISON	3	37 40 38 57 38 57 39 04 38 23	86 14 84 08 84 08 84 40 84 18	1070	MIO	7A MANSHALL EILL	3 4 5 3 3 4 5 3 3 5 3 3 5		PADUCAH TVA	6096 8115 6117 6119	OAVIESS DAVIESS MC CRACKEN MC CRACKEN MC CRACKEN	7 7 7	37 48 37 47 37 05 37 04 37 03	87 08 88 37 88 35 88 35			7A VIRGIL P CLARM 7A CORPS OF ENGINEERS 8A CAPTAIS FF WILLIAM 7A SOIL CONSERV SERV SOIL CONSERV SERV	2 3 3 3 5 2 3 3 3	5 4 5
MLLA PBIA	3053 2131 2139	BOTLE MARTIF PERRY ENOTT 0810	4	37 39 37 48 37 02 37 35 37 33	84 48 83 32 83 07 83 48 86 43	1200	6P	7A R P COLDISON MIO BERTHA OE LONG RA FARIS CRESS SA EATTIM B BARNEY 7A J L BUFF	3 3 3 3 3 3 3 3 3 3 3 3 3 3 4		PINEVILLE PINEVILLE PLEASUREVILLE 3 8	8353 8384 6435 6575	JOHNSON PIKE BELL SHELBY CALDWELL	1 2 4		83 31 83 42 85 07 87 53	999 882 529	2A 5P	7A JEESE FAIRCEILD 2A US WEATHEN SUREAU 7A F PARTIN GA E 8 MOGGAN 5P ALTON M HARVILL	2 3 3 3 2 3	4 5 5
VILLE TVILLE LOCE P	3374 2445 3469	MUHLENBERG CASET LYON METCALFE HARDIN	3 2	37 05 37 13 37 03 37 00 37 42	87 00 85 58 88 05 85 37 85 24			7A N O GIVENS 7A LINNIE O TARTER 7A THOMAS SMITH 7A JOHN E MORAN 7A BUD E JONES	3 3 3 3 4	1	RAVENNA LOCK 12 RICEMOND TEACHERS COL RUMSMY LOCK 2 9USSELLVILLE RUSSELLVILLE SUBSTA	6805 7039 7049	ESTILL MADIEON MC LEAN LOGAN LOGAN	3 3	37 40 37 44 37 32 38 51 36 50	84 18 87 16 86 53	1000 384 590	7A 7A	7A CORPS OF ENGINEERS C 7A EASTERN TEACHERS C 8A CORPS OF ENGINEERS 7A O9 8 S MC REYNOLDS TVA	0 2 3 3 3 2 3 3	5 4 5
LWOUTH WENE MINGSBURG MINGSBURG POST OFFICE D LOCE 10	2791	PENDLETON NOVAN FLEMING FLEMING CLARE	5	38 40 38 09 38 25 38 25 37 53	84 20 83 33 83 43 83 44 84 15	600 668 870 750 593	49	7A BYRON F FLEMING MAURICE O CARPBRYER 7A CORPS OF SNGINEERS	2 3 3 3 3 3 4		SADIEVILLE WATER WORKS ST JOHN SETHLEHEM ACAD ST MANY SALVISA LOCE 8 SALVERSVILLE	7091 7096 7121	SCOTT HARDIN MARION WERCER MAGOFFIN	8845	37 45	85 21 84 49 83 04	777 730 520	4P	7A E W MULBERRY 7A SISTER S M GSELL MIO ST MAST COLLEGE 7A CORPS OF SNGINEERS 7A J M MAY	2 3 3 3 3	4 5 4
NEFORT LOCE 4 NELLY WATER WORKS NICHBURG 4 SW	3028 3036 3052	CRITTENDEN FRANKLIN SIMPSON MENIFEE SCOTT	4		88 08 84 52 86 34 83 39 84 33		4P 4P	6A CORPS OF ENGINEERS 6A CORPS OF ENGINEERS 7A HERMAN O NEAL 8A C JEROME BIERONYMUS 8A JOE # ATKINS	2 3 4 5 3 3 6 3 4 3 3		SHEPHERDSVILLE	7215 7234 7324 7334	PULASKI ALLEN WEHSTER SHELBY BULLITT	3 8 8	37 11 36 45 37 36 38 13 37 59	87 32 85 16 85 44	770 360 825 450	8P 6P	6P WILLIAM 8 DOSES 6P WOBLE ALLEN 5P SEBREE WATER WORKS 5A WILLA S A RATTA 7A CONBAD MARAMAN	3	5 5
MAN AFBO FT ENCK INT OAM 38	3241 3280 3358	MENRY BARREN HARDIN BOOKE CARTER	7 7	38 25 37 00 37 54 38 59 38 19	84 53 85 40 85 58 84 49 82 57	506		7A CORPS OF ENGINEERS 7A OSA L FOLLIS MID US AIR FORCE 6A CORPS OF ENGINEERE 8A SHIRLEY I STATEN	3 4 3 3 4 3 3 3		SMITHFIELD 4 3 SOMERSET BIWAY OEPT SPRINGFIELD STEARNS ETILLWATER	7507 7604 7677 7711	HENRY PULASE; WASSINGTON MC CREARY WOLFE	2824	38 20 37 07 37 41 38 42 37 45	85 14 84 29 83 29	873 738 1420 1000		7A F W SIMPSON 7A L R SUTHERLAND 8A JOHN P ELDER 8A C E CSITWOOD 8A MRS H E BOLLAND	3 3 3 3 3	4
ENSBURG HIWAY 61 BR ENUP OAM 30 ENVILLE 2 W	3435 3443 3451	GREEN GREEN GREENUP MUHLSNBERG CHRISTIAN	7	37 13	85 30 85 30 82 51 87 12 87 20	540 518		7A MRS MELL M LINGLE 7A EXNNEIS STOTTS 7A CORPS OF ENGINEERS SP C R LOVELL MID CLEATUS E BRINKLEY	2 3 5 3 2 3 3 3 4		TAYLORSVILLE TOMPEINSVILLE TOMPEINSVILLE TEL OFF	7948 8060 8065	METCALFE WASBINGTON SPENCER MONROB MONROB	24.44.00	36 53 37 52 38 02 36 42 36 42	85 21 85 41 85 41	489		TVA TA R C OEDMAN TA MRE EATHRYN H CARR MIO JAMES T PSILPOTT TA MRS ALICE H EALE	3 3 3 3 3	4
CARD ADQUARTERS EDELBERG LOCK 14	3709 3722 3741	OBIO PERET NICHOLAS LXE HENDERSON	5 4	37 15 38 24 37 33	86 54 83 12 84 07 83 46 87 37	869 800 663	4P 6P	6P W 9 CARSON SR 7A E A BAILEY 7A L M GAFFIN 6A CORPS OF ENGINEERS 6P FRANK STREET	3 4 2 3 5 3 3 4 3 2 3 5		TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN OAM 49 VALLEY VIKW LOCK 9 VANCEBURG OAM 32	8179 8197 8246 8259	PIKE ANDERSON UNION CLAY LEWIS	4242	36 45 38 02 37 46 37 51 38 38	84 51 87 57 84 28 83 21	357 571 525		TVA TA CORPS OF ENGINEERS 6A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS	3 3 3 3	4
H BNIDGE LOCK 7	3821 3837 3899	CHRISTIAN LAWRENCE JESSAMINE ENOTT LARUE	1	37 49	87 34 88 30 84 43 82 59 85 44	440	88	MIO C W EEATTS TVA 6A COMPS OF ENGINEERS 8A ELIZABETE WATTS MID C C SELF	3 4 3 3 2 3 5 3 4	Ĭ	WILLIAMSTOWN	8551 8706 8714 8724	LINCOLN MORGAN WHITLEY GRANT LEE	4 70 00 70	38 38 37 36	83 15 84 10 84 34 83 50	939 943 846	6P	7A FRANE HOECE 7A JOHN W TURNER 7A CHARLES E WEST 7A MISS N E SIMPSON 7A CORPS OF ENGINEERS		5 5 5
PEINSVILLE 2 E DEN FINGTON DESON WEINS WATER WORKS	4093 4185 4186	CHRISTIAN LESLIE ERECEENRIDGE HREATHITT LETCHES	3	36 52 37 10 37 53 37 33 37 10	87 27 83 22 88 17 83 23 82 38	850 646 776	7P	SA W 8 MORRIS SP MRS FOREST CAMPBELL 7P FLOYD G ROBBINS 7A ROBERT RORESTSON MID KENTUCKY WATER CO	2 3 5 2 3 5 3 3 3 4		WOLF CREEK OAM WOCOBURY LOCK 4		ROSSELL BUTLER	100	36 33 37 11	85 08 88 38	610 504	MID	SA FRANK L BLOODWORTH 7A CORPS OF SHGINEERS	2 3 3	4 5 6
STUCKY DAM SCASTER ICE PLANT JRA	4369 4414 4620	LETCHER JESSANINE LIVINGSTON GARRARD MARTIN	6 6	37 37	82 56 84 38 88 16 84 35 82 28	850 362 1032		7A MRS SUSAR F ISON 7A MARION W MAHIN 7A TENN VALLEY AUTE 8A MENTOCKY UTIL CO 8A JAMES A FIELD	3 3 4 3												
ITCHFIELD RINGTON WB AIRPORT SERTI TILE BICKMAN LOCK 0 CEPORT LOCK 2	4746 4755 4825	GRATSON FAYETTE CASET JESSAMINE HENRY	3 4 3 4 4	37 29 38 02 37 31 37 45 38 26	86 18 84 36 84 55 84 35 84 58	635 979 560 485	MID	SA GEORGE O LITSEY MID OS WEATERN RUREAO 7A PALLIA L BANKLA 7A COMPS OF ENGINEERS 6A COMPS OF ENGINEERS	3 3 5 2 3 4 5 3 4 3 4 3												

; - ORAINAGE BASINS

1 Hig Sendy 4 Kentucky 7 Ohio 2 Cumberlend 5 Licking 8 Sait 3 Green 8 Wieslesippi 9 Tennesses

MARCH 1949

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in  $^{7}\mathrm{F}$ , precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, deepoint values below 32°F, and relative bunifity values at temperatures below 32°F, are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these bygro metric values before a fiter January 1, 1949, cannot accurately be combined without necessary conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record And also on later dates. Amount included in following measurement, time distribution unknown.

  Gage is equipped with a windsbield.

  Precipitation measured at 6-hourly intervals, no recording Precipitation seasured at 6-hourly intervals, no recording gage.
  Adjusted to a full month
  Adjusted to a full month
  Intervals of the season of
- м

Subscription Price: 15¢ per copy; \$1.50 a year. (Yearly subscription includes Annual Summary) Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 1300 U. S. Court House, Chicago 4, Illinois.

## U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief

SEP 2 3 1949

# CLIMATOLOGICAL DATA

KENTUCKY

THE CLUSTON OF THE

SEP X 1 1040

APRIL 1949

Volume XLIV No. 4







#### KENTUCKY - APRIL 1949

O. K. Anderson, Section Director - Louisville

#### GENERAL SUMMARY

The variable weather of the past month gave way to an April which had an average temperature slightly below normal. Low temperatures of the first ten days were followed by five days of relatively warm weather. This in turn was followed by a week of the lowest temperatures of the month, with a final period of above normal readings to bring the monthly average to a couple of degrees below normal.

Precipitation, on the whole, was below average in all sections for the whole month. Rainfall distribution over the state was in a progression from southeast to northwest with amounts in excess of five inches confined to the south-central and southeast area. The least monthly falls were recorded in the extreme northwest counties.

The frequent rains of the previous month contributed to the delay of field work. The soil was generally too wet for the first half of the month to permit any extensive farm work. The advent of warmer and dryer conditions near the close of the month, with drying weather, permitted resumption of delayed plowing and other field work. Considerable progress was reported by the end of the month. Grains were in good condition with wheat in fair to good shape with dryer weather still needed for optimum results. Rye and barley were reported heading in southern counties at the close of the month. Tobacco plants in seed beds were showing good growth. Preparation of corn ground was a principal task towards the end of the period. Unseasonably cold weather on the 15th and again on the 16th, with light frost reported from many stations caused some damage to tender vegetation. Light to moderate frost on the 19th and 20th again resulted in moderate damage to strawberries and light damage to other fruits. This frost damage was more severe in the eastern counties. Strawberries were in full bloom in the southern and western counties, with other fruits reported in good condition despite the frost effect. The general development of crops and vegetation was near the seasonal average at the close of the month.

There were no severe storms reported by any station in the state of Kentucky.

#### TEMPERATURE

The mean temperature for the state was 53.9°, which is 2.4° below normal for the month. The monthly mean temperatures ranged from 57.9° at Murray to 50.2° at Maysville. The highest temperature recorded in the state was 86° at Princeton, on the 23rd, and the lowest 22° at Benham on the 17th.

#### PRECIPITATION

The average precipitation for the state was 3.52 inches, which is 0.48 inches below normal for April. The total amounts recorded at various stations ranged from 6.37 inches at Stearns to 1.19 inches at Lovelaceville. The heaviest rainfall reported in any one day was 2.80 inches at Stearns on the 27th. The monthly average of snowfall was a trace or 0.2 inches less than normal. The greatest monthly amount was 0.1 inches at Irvington; the least a trace at several stations. The greatest depth on the ground was 0.1 inches at Irvington on the 16th.

#### ACKNOWLEDGMENTS

ACKNOWLED TO THE CLIENTS OF THE PROPERTY OF TH

Previous to the introduction of this bulletin Series, data from Hydroclisatic Network stations were presented in bulletins (Mydrologic law the Network stations were presented in bulletins (Mydrologic law the entire United Staties, but alience the Network was established to see the internal requirements of the Federal agencies referred to above, no provision was made under the new of the Network was established to see the internal requirements of the Federal agencies referred to above, no provision was made under the new of the Network was not to the new of the Network was not to the new of the Network was not to the new of the Network was not necessarily and the Network was not necessarily nec

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

#### PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

APRIL 1949

	Sea lev	vel pressure	extremes—in	ches		Wind spee	ed-m. p. h	_	Relativ	e humidity	averages	percent	Sunshine	
Station	Highest	Deta	Lowest	Dete	Average	Маковив	Direction of maximum	Date of meximum	1:30 a. E.S.T.	7.30 e E.S.T.	1:30 p. E.S.T	7.30 p. E.S.T.	Percent of possible	Degree days 65° base
LEXINGTON AIRPORT LOUISVILLE AIRPORT	30.40 30.37	20 20	29.49 29.44	14 14	10.0 8.8	56	- 8₩	- 15	78 70	81 77	58 50	88 55	- 55	393 327

#### COMPARATIVE DATA

Tabla I																				
	T	emperatu	10	P	recipitati	on		T	amperatu	ra.	Pr	ecipitatio	n		Te	emperatu.	re	P	recipitatio	on
Year	Ачетады	Highest	Lowert	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Avurage	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more
1889 1890 1891 1892 1893 1894 1895 1896	57.0 57.0 58.0 56.0 58.0 56.0 57.2 63.6	89 92 92 98 94 94 94 96	24 28 24 22 21 23 22 24	1.61 4.04 2.52 7.12 6.99 3.54 3.18 1.65		- - - - 9 6	1912 1913 1914 1915 1916 1917 1918 1919	58.4 55.3 55.7 60.1 54.0 55.8 53.9 56.7	87 89 91 96 89 90 87 89	25 27 13 17 23 19 25 19	7.90 2.73 3.62 0.96 2.64 5.02 4.07 3.51	T T T 0.0 1.4	12 10 10 5 9 8 12	1935 1936 1937 1938 1939 1940 1941 1942	55.3 53.1 55.9 59.3 53.7 54.1 60.0 58.1	92 90 91 91 91 91 89 93 95	24 19 22 22 21 19 27 18	4.42 4.79 4.38 2.85 6.07 4.88 2.89 3.01	T 0.1 0.0 T T 0.1 0.0 T	12 11 12 9 13
1897 1898 1899 1900 1901 1902 1903	55.5 52.4 57.2 56.2 50.9 54.3 55.4	90 86 96 90 91 93 90	25 19 20 15 23 22 22	6.03 3.38 3.16 2.15 4.01 2.65 4.43	T 1.1 0.3 T 2.6 0.1 T	9 8 10 9	1920 1921 1922 1923 1924 1925 1926	50.8 58.2 59.5 54.8 57.4 61.2 51.6	89 90 88 90 93 98 87	22 22 25 13 19 23 16	6.16 4.09 4.25 4.88 3.41 3.16 3.17	0.2 T 0.0 0.3 0.1 0.0 T	13 10 10 9 10 10	1943 1944 1945 1946 1947 1948 1949	54.1 55.6 58.6 59.6 58.0 60.4 53.9	87 89 92 90 94 86	20 17 22 24 28 24 22	3.93 4.73 4.36 2.13 4.84 5.49 3.52	0.2 0.0 T T 0.0 T	13 11 11 8 12 8 16
1904 1905 1906 1907 1908 1909 1910 1911	50.8 56.7 59.5 48.2 59.8 56.1 55.4 53.8	85 91 94 87 89 96 88 90	16 23 23 19 23 21 21 23 20	2.83 3.00 1.40 2.78 6.56 5.98 5.14 7.06	1.7 0.2 0.0 0.2 0.8 T 0.7	11 9 6 11 14 10 14 14	1927 1928 1929 1930 1931 1932 1933 1934	58.7 52.9 60.1 58.9 55.9 56.4 55.7 56.9	92 83 90 94 89 86 87 90	22 21 23 21 25 25 27 24	6.39 4.20 3.57 1.31 4.52 3.88 4.74 2.16	T 0.6 0.0 0.0 0.1 T 0.0 T	15 11 10 6 8 10 13 8	PER10D	56.3	98	13	4.00	0.2	10

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state hasis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this hulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Dates otherwise indicated, disconsional units used in this bulletin are: Temperatures in ?, precipitation and evaporation is inches, and wind sevesent in siles. Evaporation is seasured in the standard Weather Sureau type pan of 4 foot disseter unless otherwise short by footnote following Table 6.

An of January 1, 1949, deepoint values helow 327, and relative hundity values at temperatures below 32 7, are expressed with respect to vater rather than with respect to ice, as used prior to that date. Therefore, these bygro metric values hefore and after January 1, 1949, cannot accurately he combined without necessary conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record And also on later dates. Assount included in following measurement, time distribu-tion unknown.
- tion unknown.

  Gage is equipped with a windshield.

  Precipitation measured at 6-hourly intervals, no recording

- Precipitation measured at 6-hourly intervals, no recording Eage.

  Agus of a full month of the precipitation of the property of

ubscription Price: 15# per copy; \$1.50 a year. (Yearly subscription includes Annual numary) Correspondence regarding subscriptions should be addressed to the Weather ecords Processing Center, 1300 U. S. Court House, Chicago 4, Illinois.

Table 2																		
				Tempera	ture								Precipitati					_
		-					No. o	days		7			Snov	, Sleet, H	ul l	N	o. of day	/B
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
WESTERN DIVISION																		
BEAVER DAM GREENVILLE 2 W HENDERSON 4 SW HOPKINSVILLE 2 E LOVELACEVILLE	53.9 56.3M 55.2 55.0M 57.2	-3.1 -0.7 -2.3 -2.3 -1.2	79 80 82 78 83	22 22 28 23 23	25 29 31 28 28	19 19 19 16 19		6 1 1 3 2	1.76 2.25 2.58 2.98 1.19	-2.38 -2.50 -1.48 -1.46 -3.59	.50 .82 .98 1.06 .74	11 11 27 13 27	Т			8 11 8 8 8 3	3 3 4 2	1
MADISONVILLE 1 5E MAYFIELD 2 5 MURRAY OWENSBORO PRINCETON	54.BM 56.0 57.9 53.8 55.9M	-2.3 -0.3 -2.1 -1.9	79 80 82 78 86	27+ 23 23+ 23+ 23+ 23	32 27 31 30 26	16 16+ 16+ 16+ 19		2 2 2 3 7	1.84 2.41 2.96 3.07 1.38	-2.00 -1.45 91 -2.85	.35 1.18 1.01 1.20 .85	12 11 12 27 11	Т			9 8 13 12 6	2 3 3 1	1 1 1
RUSSELLVILLE	55.9	-1.0	80	15+	32	19		1	4.29	07	1,30	27				8	6	1
DIV151ON	55.6	-1.7							2,43	-1.87								
CENTRAL DIVISION																		
ANCHORAGE BOWLING GREEN WB AP BURGIN DIX DAM CAMPBELLSVILLE COVINGTON WB AIRPORT	51.6M 54.7 54.9 55.1M 51.2	-2.5 -3.5 -1.9	78 79 81 80 78	26 22 26 14 26	27 30 30 28 30	19 17 19 9		6 2 4 5 5	2.48 4.06 3.92 3.54 1.51	-1.39 43 .34	.87 1.61 .83 1.54 .30	27 27 27 27 27 5	T T	т	15+	10 13 13 10 17	3 4 6 4 1	1
DANVILLE FRANKFORT LOCK 4 IRVINGTON LEITCHFIELD LEXINGTON WB AIRPORT	53.0 52.1 54.5 54.3 51.8	-1.9 -3.5 -1.6 -1.6 -2.5	79 80 77 77 79	27 27 22+ 14 26	30 29 30 31 30	17 9+ 19 19 17		4 7 5 4 5	4.15 3.22 3.21 2.25 3.34	.11 71 81 -2.12 16	.76 .76 .63 .48	14 6 27 27 27	T 1 T	т	14+	14 15 15 13 16	7 4 5 4 7	
LOUISVILLE STAN WB AP LOUISVILLE WB CITY WAMMOTH CAVE PARK ST JOHN BETHELEHEM ACAD SCIENCE HILL	54.4 54.1 53.7 52.5 54.7	-0.4 -2.3 -1.9 -2.4 -0.3	80 77 80 77 79	26 26 15 26 14+	33 33 25 28 28	17 15+ 19 17 19		6 5 5	3.07 3.93 4.02 4.03 4.42	81 .05 75 19 .56	.85 .79 1.11 .84 1.32	27 27 27 27 27 27	T T	T	14+	14 10 14 14 12	5 6 5 5 6	1
SCOTTSVILLE SRELBYVILLE 2 W WOLF CREEK DAM	56.8 50.9 56.3M	-3.5	81 79 B2	14+ 27 15+	27 28 29	19 5+ 17+		3 8 4	5.51 2.79 4.31	-1.17	1.52 .60 1.23	27 27 28				12 15 11	5 4 5	3
DIVISION	53.7	-2.1							3.54	-0.53								
EASTERN DIVISION																		
A5RLAND DAM 29 BENHAM BEREA COLLEGE CORBIN FARMERS	51.2 52.9 54.1 54.4M 51.1	-4.2 -1.9 -3.3	85 81 B0 83 80	27 26 27 26 27	27 22 30 27 23	17+ 17 9+ 17 17		9 8 5 5	2.74 5.20 4.03 5.55 3.54	85 .24 38	1.56 1.45 1.75 .53	28 28 27 27 6+	T T			14 14 13 14 13	4 6 5 7	1 1 2
REIDELBERG LOCK 14 RINDMAN SETTLEMENT 5CH MAYSVILLE DAM 33 MIDDLESBORO MOUNT STERLING	50.9 53.5 50.2M 56.4 54.2	-4.4 -3.9 -0.5 -0.1	81 82 80 80 82	27 27 27 26 26	25 24 28 25 28	17 17 4+ 17 17		11 6 13 4 5	4.01 5.35 3.74 4.33 3.30	.20 .07 05 82	1.12 1.10 .84 1.42 .75	28 28 14 22 30	T			14 13 16 8 10	5 7 6 5 5	1 1 2
RICHMOND TEACRERS COL WILLIAMSBURG	51.9 55.5	-4.2 -1.2	79 81	27 26	25 27	17 17		7 7	3.42 5.49	21 1.39	.59 2.27	30 28	т	Т	16	14 10	6 7	2
DIVISION	53.0	-2.6							4.22	-0.05								
5TATE	53.9	-2.4							3.52	-0.48								

# EVAPORATION AND WIND MOVEMENT

Table 6

																Day	of m	onth															78	arthure .
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tot	Dep
BURGIN DIX DAM	EVAP		.068	.073	.087	.076	.032	.196 45		.104				.040	.118	.348	.002	.020	.072 28	.164 52	.084	.112	.066	.200	.207 36	.247	. 200	.140	.074	.236	.150		3.918	
WOLF CREEK DAM	EVAP		.045 28	.115 25	.028	.119	.067 16	.151 40	.201 65			.276 45	.028 16		.042 23	.378 128	.134 95	.059 32	.082 77	.191 49	.135 12	. 119 15	.056 28	.151 36	.283 31	.200	.177	.203 45	.037	.242 25	.116 19		4.185 1109	

able 3

### DAILY PRECIPITATION

ERNTH E

APRIL 1849

Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tot
ADDISON DAN 48 H ADOLPHUS 1 N H// ALLEN ANCHORAGE ASHCAMO	.12 .03		.02 T	.01	T .33	.1H .35 .6H	T .02 .32 T	.35 T .11			T .02 .02 .03	.60 .60 .08 .39	.40 .85 .70 .23	T .03	.88	т	T .18	. 15 .60			. 10	.10 .85 .70 T	T .40			т	.85 .37 .02 .87	.02 .30 I.05		T T .70		3.08 3.1N 4.60 2.46
ASHLAND DAN 20 BARDATOWN BARTER HARLAN WIR WES H BERWER DAN	T .04		.06	.06	. 40	.36	.20	.06 .23 .31 .17			.13 .18 .03 .60	.07 .43 .45 .45	.38 .35 .18 .07	.10	.18	T T	.02	.1H .03 .11			.18	.21 .07 1.12	.28	.02			.1H .H2 2.13	.5N .86		.02 .13 .17 .04		2.74 4.06 5.06 1.76 8.20
BERRA COLLEGS 8 REKEA WATEN WORKS BOSTON 2 SW GOWLING GREEN BOWLING GREEN SUBSTA	T .03			.03 .08 .13 T	.43 .37 .14	.15 .67 .38	.18 .15 .15	.09 .18 .39 .04		т	. 24 T . 18 . 06 . 03	.05 .18 .27 .85 .68	.38 .24 .26 .82 .48	T .18 .06 T	.10 .03 .17	T T	т	.08			т	.30 .37 .08 .26					1.45 1.27 .85 1.62 1.40	.67 .37 .21		.57 .45 .07 .05		4.03 4.85 3.32 4.25 3.46
BOWLING GREEN WB AP IS BRENT DAN 38 GROWNSVILLE LOCK 6 BURGIN OIX DAM SURNSIDE	.33	т	.02	.11	.49 .12 T	.01 .34 .35 .63	.03	T .18 .18 .06		.06	.87 T .10 .20	.36 .01 .53 .10	.18 .03 .43 .35 .43	.15 .23 .45	.10	T 05 T	.11	.23 .12 .05			.11	.20 .13 .19 .23 1.17	. 20			.01	1.81 .19 1,11 .83	.04	т	T .08 .05 .47		4.08 1.87 3.58 3.92 5.47
CADIS LOCK S CAMPELLSVILLE CARROLLTON LOCK 1 E CENTRAL CITY 1 S S CLINTON S	.05		T .03	.03	.52	.11	.05	.06 .05 .01		.38	.68	.25 .40 .05 .36 .37	.80 .43 .05 .27 .01	.35	.15	т	T .01	.03 .13 .13			.02	.13 .16 .15	.05			.01	.07 1.54 .35 .11	.03		.04 .18 T .01		2.04 3.54 1.78 1.96 1.42
COLLEGS SILL LOCE 11 COLUMNIA LY COLLEGE CONSTANTINE R CORBIN CORBIN WATER WORKS	.03		.05	.10	.10 .19 .67	. 49 . 48 . 03	.11 .28 .04 .27	.01		.07	.12	.12 .13 .80 .33	.18 .62 .03 .27	.16	.50 T	т	.08	.08			.08	1.70				.10 .03 T	. 23	.34	. 25	.15 .08 .17		3.53 3.20 5.55 5.60
COVINCTON W S AIRPORT CYNTHIANA OANVILLE OAVELLA OELPSIA	.18		.05	.03 T	.30	.01 .55 .63 .07	.07	. 18		.01	.03 .10 .35 .17	.03 T .07 .17 .50	.06 .09 .36 .28	.05 1.05 .76	.05	T	.24 T	.19 .03 .08	E .		.01	.03 .18 .16 .24	.15 .03 †			.03	.12 .69 .55 .58	.20		.04 .11 .43 .70 .20		1.51 3.50 4.15 3.15
OEMA OUNDER BARRETTS FORD BR R DUNNOR OONVILLE EDDYVILLE LOCK F				.10	.10	.96 .30 .50	.10 .05 .25 .05	.02	.18		.12	.34 .35 1.40 .26	.73 .44 .74					.04			.02	.02					.45 .38 2.30			.53 .02 .04		5.23 1.85 3.03 4.45 1.55
EDMONTON E FALMOUTH FARMERS FLEMINGSBURG FLEMINGSBURG POST OFF E	.08 .09 .05				i <sup>10</sup>	.47	.04	T	.10		T .53 .19 .15	.45	.65 .41 .53 .51	1.01 .05 .56 .09	.22 .18 .13	T .02	. 19	.22 .16 .22			.07	.90 .23 .35	.04				. 48 . 45 . 38 . 72 . 59			.09		4.39 3.34 3.54 3.18
FORD LOCE 10 FORDS FERRY DAM 50 Z FEARWFORT LOCE 4 FRANKLIN WATER WORKS Z GEORGETOWN WATER WORKS	.03	.04	Т	т	.13	.09 .02 .76 .36	.06 T	.10		. 49	.04 .01 .17 .24 .17	. 46 .08 .06 .60	.10 .99	.02 .56 T	.08 .27	.01	.02 T	.14			.31	.05 .10 1.42 .15				.40	.70	.60	.36	.34 T .11		3.77 1.72 3.22 4.54 3.72
GEST LOCE 3 Z GLASGOV GRANT DAM 38 GRAYSON GREENSBURG 81WAY 61 BR	.04	1			.39	.72 .44 .44 .47	.02 .29 .03 T	.02	т	.06	.03 .36 .09 .21	.21 .54 .09 T	.24 .61 .08 .48 .70	.73 .24 .01 .05 .30		.01 .01 T		.16 .29 .20 .10				.12 1.00 .02 .33 .24	. 20 . 01				.77 1.12 .24 .20 1.54	.30		.07 .03 .01 .21		3.22 5.80 1.43 2.69 4.24
GREENUP OAM 30 GREENVILLE 2 W HALEYS MILL R HARTFORD 6 N HAZARD Z	.12	.09	.10	.05	.29 .30 .25	.05	.02	.02 .05 .01 .10 .30		. 35	. 23 . 82 . 40 . 70	.11 .14 .53 .40	.60 .23 .83 .17 .75	.02 T	.35	.03	T .05	. 15			.29 .19 .15	.92	.08	.02		т	.15 .17 .05	1.15		T .08		3.02 2.25 2.79 2.37 4.54
READQUARTERS HEIOKLBERG LOCE 14 Z HENDERSON 4 SW HERNDON R SICESVILLE	.22		Ŧ	.07	.02	.40	. 19 T .07	.15		T .42	.25 .10 .20 .68 .72	.05 .06 .33 .24	.80 .32 .63 1.12	.25 .01 T	.10 T		.60	.10			.03		.03			т	1.10 .49 .98 .16	1.12		.30 .22 .50 .02		3.77 2.58 2.77 2.25
81NDMAN SETTLEMENT SCB BODGENVILLE NAT PARE R BOPEINSVILLE 2 & HYDEN INVINGTON	.02		.06	.04	.39 T 1.04	.77 .03 .23	.20	.20		.03	.60	.16 .41 .28 .83 .52	.61 .10 1.06	.60		T .06				1.33	.07 T	.03	.01				.35 .73 .28 1.96 .63	T	.03	.36		5.35 2.82 2.98 3.21
JACESON JENEMINS VATER WORKS Z JERRMIAH KENTUCKY OAM LANCASTER ICE PLANT	т		т	.06	. 30	.74 .06 .03 .54	.25 .10 .62 .02 .20	.15 .31 .49			.05	.06 .06 .37 .22	.73 .30 .82 .76 .25	.06		Т	т	.12				.40 1.05 1.03 .03 .30	. 13	т			.41	1.20 1.09 .03		.47 .20 .13 T		4.70 4.05 5.21 1.61 3.20
LAURA LEITCHFIELD LEXINGTON WB AIRPORT Z LISERTY Z LITTLE SICKMAN LOCE 8 Z			.01	.19	.08 .56 .02 T	.69 .26 .04 .42 .53	.19 T .04	.08		.08	.09 .08 .23 .17 .43	.45 .18 .06	.93	.02 .10 .15 .29		т	.01	.18			.03	. 46	.05 T			.01	1.05	.15		. 45 .02 . 40 . 40 . 46		3.45 2.25 3.34 4.07 3.81
LOCKMAN LOCK 2 LOGLICE 1 S 8// LONDON POST OFFICE R LOGISA LOCE 3 Z LOGISVILLE STAN W B AP 2	.01		.08 T	т	.52	.63 .02 .02 .41 .02	.04 .05 .04 .05	.02		.02	.02 .19 .18 .35	.07 .08 .34	.27 .28 .28 .44 .32		.10	.01	.03	.12			.09	.14 .23 1.43 .07 .04		т		т	.65 .71 1.60 .07 .85	.54		.07 .72 .38 .11 .08		2.53 3.13 5.31 2.35 3.07
LOOISVILLE UPPER GAGE LOUISVILLE WE CITY 8 LOVELACEVILLE LOCAS 8 MADISONVILLE 1 SE	i		T T .03	.05	.25	.03	.03	.02		T T .07	.51 .36 .40 .33	.31 .50 .55 .35	.66 .75	.28	.32 T	T	.16	.01			.04 .09 .08	.03	.01			T	.79 .74 .85			.06 .06 .02 .08		2.87 3.93 1.19 3.62 1.84
MANMOTH CAVE PARK MANCHESTER MATFIELD SUBSTA MATFIELD 2 S MAYSVILLE DAM 33 Z MC KINNEYSBURG E//	1	.02	.02	.07	.05	.46 .82 .06		.42			.42 .12 1.20 1.18 .16	.25	.19 .64 .93 .91	.84	.28	т	T	.20			т .07	.95 .05 .04		.01		.02	. 22	1		.04		4.02 5.22 2.57 2.41 3.74
MIDDLESBORO MIDDLESBORO CITY HALL MIDWAY 2 S MILLERSBURG R//	.01	.10	.02	-	.47	.70	.05	.24	-	.05	.04 .04 .12	.65 .29 .25 .08	.40	.63	. 30		.15	.10 .05 .06			.01	1.42 1.37 .05				.04	1.10 1.17 .65		.06	.31 .30 .25 .37		4.33 4.22 3.35 3.44
MILLERSTOWN MOREHEAD STA TEACH COL R MOUNT STERLING MUNPORDVILLS MURRAY OLIVE BILL	.15				.14 .45 .54	.37 .12 .40 .01	.11	.03		.01	.40 .50 .23 .90	.34 .57 T .69 1.01	.27 .50 .29 .45	.02	.04	.03	.18				.09	.18				.05	.58 .77 .51 1.20 .04	.05		.02 .73 .75 .06 .03		1.83 4.64 3.30 3.04 2.96
OLNEY ONEONTA DAN 35 OVENSBORO OVENSBORO DAN 46 2	T . 18	т		T .03 .02	.26	.04 T .40 .20		T .03		1.40	T	T .27 .25	.07	.79	.17 .83 .80	.06 .04 .01		.29			.40	.20	18			-	.39 1.20 1.09	T .03		.07 .03 .01		2.85 3.07 2.97
PADUCAE NO 5 FIRE STA PADUCAE SCS NURSERY PADUCAE T V A PAINTSVILLE PINEVILLE			.03		T .61	.75	T	.44		.15	.60 .15 .21	.06	.07	.01	т	T	T T	.05			.09	.10 .42 1.81	T .35			.78	.63 .19 .96	.84 1,83		.02 .85 .20		1.89 1.38 4.00 6.01

g															Day	of m	onth															Total
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	_
PLEASUREVILLE 2 8 PRINCETON RAVENNA LOCE 12 RICHMOND TEACHESS COL RUNSEY LOCK 2 Z	.05		.10		.01	.55 .73 .46 .26	.16	.08			.85 .26 .23	.15 T .08	.19 .23 .35	.06	.04			.07			.50	.32 .30 .12	.25				.82 .21 .81 .47	.31		.59		2.32 1.38 3.42 2.62
RUSSELLVILLE RUSSELLVILLE SUBSTA ST JOHN BETHLEREM ACAD ST MARY SALVISA LOCK 6	.07		. 06	.02	.16 .14 .13 .59	.32 .35 .33 .01 .67	.05 .06 .16 .17	T .23 .03		.15	.64 .67 .15 .28	.21	.60 .59 .61 .27	T .10	.10		.03	T .01 .07			.05	.89 .79 .11 .12 .08				.01	1.30 1.93 .84 1.14 .82	.04 .56	.03	.02 T .12 .39		4.29 4.93 4.03 3.28 3.64
SALTERSVILLE R// SCIENCE BILL SCOTTSVILLE SEBREE WATER WORKS SEELBYVILLE 2 W	.04	.02	.05 .09 .02	т	.64 .39 .45 .13	.02 .02 .57	.29 .02 .05	.15 .06 .14			.15 .33 .16 .30	.15 .43	.49 .51 .19	.02	.01	T 1.11	.06 T	.15	Ì		.07 .02 .13 .02	1,45	.05				.70 1.32 1.52 1.45 .60	.12		.72 .63 .04 .03		3.83 4.42 5.51 2.37 2.79
SHEPHERDSVILLE SMITHFIELD 4 S R SOMERSET SIWAY OEPT R SPRINGFIELD STEARNS R	-		.05	.02	.18 .53 .45 .12 .62	.47 .02 .03 .54 .05	.14 .05 .02 .16	.02 .20 .32			.07 .08 .04 .52	.05	.42 .39 .65 .21	.06	.36		.04 .06 .12				.09	.12 .03 .83 .17 1.81				.90		. 11	.01	.05 .02 .45 .64		3.60 -4.43 3.92 6.37
SUMMER SHADE SUBSTA TATEAM SPRINGS R TATLORSVILLE TOMPKINSVILLE R			-	.05	.09 .50 .05	.52 .03 .40	T .12 .08	.01		.08	.07 .09 .19	.07	.51 .18 .35	.09	.02		.03	.12 .04 .01			.03	.87 .08 .10 1.44	.02				1.25 .94 1.56	.05		.05 .38 .12 .14		3.30 2.30 3.02
TUREEY CREEK SCHOOL TITONE LOCK 5 UNIONTOWN 0AM 49 VALLET VIEW LOCK 9 VANCESURG DAM 32	.05			т		.71 .02 .46 .38	.05	. 18 T			.76 .08 .15 .39	.07 .05	.52 .10 .39 .48	.39	т	т	T T	.12 T .96			.20	.11 .02 .33 .10		.03			.60 1.49 .57	T .22		.36 T -		1.60 3.16 1.91 - 2.36
WAYNESBURG 6 E WEST LIBERTY WATER WKS WILLIAMSBURG WILLIAMSTOWN WILLOW LOCK 13	T .05			т	.08	.45 .65 .47 .63	.06	.17	.18		.28 .24 .04	.03	.64 .92 .46 .29	.60	.09	T	T .03	.08 .08 .26 .15				.54 .33 1.40 .25 .49	.17 .30 .03			.04	1.10 .33 .45	2.27	.21	.50 .12 .13		4.34 3.91 5.49 2.82
WOLF CREEK DAM Z WOOGSURY LOCK 4 Z				.14	.05	.44		.17			.14		.61 .37	.13		т		.06				1.02					.07	1,23		.35 .01		4.31 2,54

Table 4																										
Station			A. M. Hour ending												P. M. Hour ending											Total
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	п	12	Ĕ
OVINGTON W B AIRPORT PLEMINGSBURG POST OFF BEST LOCK 3 IAZARD LEXINGTON WB AIRPORT LOGLICK 1 S LOUISVILLE STAN W B AP	// 6 // //	.03	.02	.02 .01 .05 .04	.03 .01 .01	.02	.01	.02	. 16	-	.02	-	-ls	-	-	-	-	-	-	-	-	-	-	-	-	
APOLPHUS 1 N BERRA COLLEGE BOWLING GREEN WB AP CENTRAL CITY 1 E CONSTANTINE CORBIN DUNDER BARRETTS FORD BR FORDS FERRY DAW SO FRANKLIN WATER WORKS HALEYS MILL L	6	.02	. 01	, D1	.01	,01	.01	.01	.01	.01	.01	.01		.01	.01	. 01	.01	.01		.01	.02	.01			.01	
HEIDBLERGE LOCK 14  BOOGENFILLE NAT PARK FENEIRS WATER WORKS LEXIMOTON PER AIRPORT LONDON POST OFFICE LUCAS  MADISONVILLE  PIEVYILLE  PIEVYILLE  STARRIS COLLEGE  STARRIS COLLEGE	// <sub>/</sub>					_	.02	.03	_	.01	_	.02	.02		.01	.05	.01	.02	.03	.01	.01	.05		.01	.01	
WOODBURY LOCK 4  CONSTANTINE PIKEWILLE WOODBURY LOCK 4	.,	.01	, 01	. 02					.01				-4 -5	th—	.02	.02	.05	.03	.01							
ADDISON DAM 45 ADDISON DAM 45 BATTER HARLAN WATER WKS BEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCE 1 CERTEAL CITY 1 E CONSTANTINE CONSTANTINE COVERNOR W B AIRPORT DAYELLA	// // 6 6						. 06	.06	.01	.04	.05	.04 .11 .05 .01 .02 .02	.03 .15 .02 .05 .06 .05	.03 .09 .09 .01 .03 .02 .02	.03 .12 .03 .04 .03 .04 .01	.02 .09 .01 .03 .04 .03 .03	.03 .07 .02 .06 .01 .02	.02 .04 .02 .02 .09	.03	.01	.01	.02	.03	. 02	.01	

KENTUCK

APRIL 1948

Station			A M Hour ending											P M Hour ending												
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
DUNDER BARRETTS FORD BR SHEWTTON BERGETTON GET LOK 3  GET LOK 3  GET LOK 4  GET LOK 4  GET LOK 4  GET LOK 5  GET LOK 5  GET LOK 5  GET LOK 5  GET LOK 6  GET LOK 6  GET LOK 6  GET LOK 6  GET LOK 7  G	* " " " " " " " " " " " " " " " " " " "						.02	.04 .09 .02 .01 .01 .02 .02 .03 .01 .04 .04 .04 .05	.01 .03 .11 .06 .03 .01 .02 .02 .04 .02 .02 .05 .01 .05	.03 .02 .02 .01 .05 .01 .03 .01 .01 .02 .10	.08 .05 .03 .03 .05 .06 .01 .04 .02 .03 .03 .05 .06 .01 .01 .01 .01 .03 .03 .06 .05 .08 .01 .06 .05 .08 .08 .06 .06 .07 .08 .08 .08 .08 .08 .08 .08 .08 .08 .08	.011.10 .063.06 .077 .188.155 .056.07 .055.07 .022 .022 .022 .022 .022 .02 .02 .030 .040 .050 .040 .050 .040 .050	.011 .033 .033 .034 .044 .044 .033 .031 .044 .033 .044 .033 .044 .030 .050 .050 .050 .050 .050 .050 .050	.011 .04 .07 .03 .04 .01 .05 .12 .06 .05 .12 .06 .01 .07 .06 .07 .06 .07 .06 .07 .06 .01 .07 .07 .06 .01 .07 .07 .06 .01 .07 .07 .07 .07 .07 .07 .07 .07 .07 .07	.03 .07 .02 .04 .05 .09 .07 .02 .01 .08 .06 .08 .06 .01 .01 .01 .01 .02 .03 .01 .04 .01 .02 .03 .01 .04 .05 .05 .08 .06 .07 .08 .08 .08 .09 .09 .09 .01 .01 .01 .01 .02 .03 .03 .01 .01	.04 .05 .06 .03 .03 .02 .08 .07 .01 .01 .02 .06 .03 .02 .03 .04 .06 .06 .06 .06 .06 .07 .01 .01 .01 .01 .03 .03 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.011.05 .022.01 .055.022 .088.022.01 .055.066.022 .055.044.03 .060.03	.01 .01 .01 .07 .03 .04 .05 .01 .01 .01 .02 .01 .02 .02 .03 .05 .02 .09 .01 .05 .02 .01	.011 .055 .011 .033 .022 .044 .022 .047 .011 .011 .020 .041 .033 .033 .033 .033 .033 .034 .030 .031 .031 .031 .031 .031 .031 .031	.01 .02 .01 .02 .03 .01 .01 .01 .02 .03	.03 .01 .01 .01 .01 .01 .01 .02 .02 .02 .03 .01	.01	.04 .01 .01 .01 .01 .02	.022 033 .011 .012 .011 .011	.02 .01 .03 .03 .01 .01 .01 .01 .01 .01 .01	.122 .566 .377 .302 .308 .565 .300 .566 .422 .499 .564 .225 .477 .200 .384 .596 .596 .596 .596 .596 .596 .596 .596
ADDISON DAW 45 BATTER HARLAN WES BATTER HARLAN BATTER HARLAN CARBOLLTON LOCK 1 CONSTANTINE DEVICE BATTER DAYBLIA BUTTLE HARLAN BATTER BUTTLE HARLAN BATTER BUTTLE HARLAN BUTTLE HARLAN LUERTY WE ALTERORY LUTTLE BUTTLENAN LOCK S S LUTTLE BUTTLE S S LUTTLE BUTTLE S LUTTLE S S LUTTLE	// 6 // // // // // // // // // // // //	.02 .01 .01 .01 .01 .01 .02 .01 .04 .01 .02 .02 .02 .04 .02 .02 .03	.03 .02 .01 .02 .01 .02 .01 .03 .01 .03 .01 .03 .01 .02 .01 .02 .01 .03 .01 .02 .01 .01 .02 .01 .01 .02	.04 .01 .02 .04 .01 .01 .01 .01 .01 .01 .01	.02	.01 .02	.01	.01	.01	.01	.01	.01	-6t	h-	.05										.01	.011.055.077.022.011.033.033.035.055.033.022.033.055.055
ADDISON DAM 45 ADDISO	666	.01	.02	.01	.01	.01	.03	.01	.05	.01	.01	.02	.02	.03	.01	.08	.03	.02		.04	.02	.03	.02	.11 .03 .08 * * .04	.02 .03 .02 .02 .02 .02 .02 .03 .01 .03 .01	.388 .022 .244 .022 .028 .28 .20 .03 .03 .09 .03 .09 .25 .07 .18 .111 .05 .16 .05 .04 .05
LOUISVILLE WB CITY				.04	.01	See zefe	erence	notes i	ollowin	g Statis	on Inde	L												.01	. 02	.0

KENTUCKY APRIL 1949

Table 4-Continued Station					A. N	f. Hou	r endir	ng									P. M	. Hou	r endi	ing					Total
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	ř
MANISONVILLE MIDICLESHORO CITY HALL MIDICLESHORO MORERED STA TEACH COL OLIVE BILL OPENSORO DAM 46 HORSEN LOCK 2 ST MARYS COLLEGE SALVERSVILLE // STETIELD 4 SALVERSVILLE // STEARNS SHAVE DEPT STEARNS TATHAM SORIKOS TOPICKINSVILLE 4 JOHN CREEK DAW WOODDURY LOCK 4	.03 .D2	. D1 . 02	.01	.05	.03	.02	.02	.07	. 15	.01	.01	.01	.08	.02	.01	.04		.08	.01	. 06	.04		.01	.06	.00
BAXTER HARLAN WATER WAS BEGERS COLLEGE BOULING GREEN WB AP CENTRAL CITY I E CORNING COLLEGE COMBITON CONTINUE COMBIT IN COM	.04 .01 .01 .02 .05 .01 .01 .02 .05 .01 .02 .05 .02 .02 .02 .02 .02	.03  * .07 .01 .10 .01 .13 .02 .01 .04 .02	.01 .01 .02 .03 .01 .10 .01 .03 .02	.07	.04	.04	.01	.01				-81	h-												33. 0.00. 0.
STEARNY DAM 49 VOLF CREEK DAM WDODBURY LOCK 4  ADDISON DAM 45 BEREA COLLEGE BEREA COLLEGE CENTRAL CITY 1 E CLINTON CONSTANTINE DAVELLA N B AIRPORT DAVELLA B AIRPORT DAVELLA BARRETTS FORD BR	.02 .09 .D2	.10	.02		.01							-10	.04	. 03				.3:	.0		.03		* 2 .0	1 .0 6 .0	4
PARMALIN WATER WORKS HALEYS MILL HEIDELBERG LOCK 14 HEIDELBERG LOCK 14 HEIDELBERG LOCK 14 HEIDELBERG LOCK 14 HEIDELBERG LOCK 15 LITTLE HAT PARK LEXINGTON WH AIRPORT LITTLE HICKMAN LOCK 8 LUTION HALE STAN WH AP LUCKAS LUCISAL LOCK 3 LUTION HALE HILLERBURG WILLERBURG HILLERBURG HILLERBUR													.01	.01	. 02	.01	.11	.0.				.3 .001 .00 .008 .00 .003 .006 .00	014 .0 11 .0 13 .0 13 .0 13 .0 13 .0 14 .0 10 .0	11 . 0 88 11 15 15 11 . 0 18 . 0 10 12 . 0 12 . 0 13 . 1 18 16 . 0 18 .	04
RUMSEY LOCK 2 ST MARYS COLLEGE TATHAM SPRINGS WOLF CREEK DAM WOODBURY LOCK 4  ADDISON DAM 45 ADDIFUS 1 N ADDIFUS 1	.01 .06 .01	. 01	0	1		.0	.16			1 .01	L .C	7 .04		.05	.0 .0 .0	.02 1 3 .18	.11	.1			:	06 .002 .000 .000 .000 .000 .000 .000 .0	02	.03	06
CONSTANTINE CORBIN COVENCYON B AIRPORT 6 COVENCYON B AIRPORT 6 COVENCYON BARRETTS FORD BR EMMONITOR FORD OF OFF FORDS FERRY DAW 50 FRANKLIN WATER WORKS GEST LOCK HOLD THE	.01	.01	.0	.00	5 .0 2 .0	5 .0	1 .0	2 .02 1 9 .0- 1 .0- 4 .0-	4 .0 1 .0 3 .0	1 .01	1 .6 1 .0	.0:	.03	2 .03	.0	1 .02 5 .31 1 .01 1 .01	.0	5 .1	3 .0 .0	05 ,	07 .	1	01	.01 .0	01

KENTUCKY APRIL 1949

					A 1	м Но	ır endi	ng									P	d Hou	ır əndi	ng					7
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
LEXINGTON WE AIRPORT LIDERTY LIDERTY LIDERTY LIDERTY LIDERTY LOUIS LICK IS LOUIS LOCK 3 LOUIS VILE STAN W B AP LOUIS VILE WE CITY LUCAS SONY ILLE WI MODIES ORDOR CITY HALL	.02	.03	.04	.03	.09	.01	.04	.03	, 03	.06	.01	.01	.01	.03	.01 .02 .01	.04 .04 .01	.01	.02 .01	.01	.08	.03	.01	.01 .02	10.	.23 .06 .37 .19 .26 .35 .51 .40 .35 .04 .11 .40 .72 .21 .25 .60 .05 .64 .28
MILLERSHURG MORRHEAD STA TEACH COL MUNDOROVILLE OLIVE SILL OWENSBORD DAM 46 PADUCAH SCS NURSERY PIKSVILLE RUMSEY LOCK 2 ST MARYS COLLEGE SALVERSYLLLE //	.04	.01 .01	.01	.01	.07	.03	.01	.01 .02 .32 .05	. I1 .01 .21	.15	.02 .02 .04	.01	.01	.01	.01	.05	.04	.01 .03 .03	. 08	.01	U6-	.02	.06	. 03	.11 .40 .72 .21 .25 .60 .05 .64 .28
SMITEPIELD 4 S SOMERSET BINAY CEPT STEARNS TATHAM SPRINGS TOWNEN SVILLE UNIONTOWN OAM 49 MOLF CREEK OAM WOOOBURY LOCK 4	.01	.05					.03	.10	.01		.01	.01 -12	.02 .02 th—		.01	.01	.03	.01 .01	.01	.02	,02	.01	, 03	.05	.15 .08 .04 .05 .09 .06 .07 .05 .54
ADDISON OAM 45 ADDLEHUS 1 N BATTER HARLAN WATER WAS BEREA COLLEGE BOULING GREEN WB AP CARROLLTON LOCE 1 CENTRAL CITY 1 E CLINTON CONSTANTINE	.04	.01						.02						.01	.05	.06	.14	.07 .04 .03 .06	.10 .05 .04 .06	.10 .08 .09	.01 .01 .01	.04	. 34 . 26 . 03	.14 .01 .04 .12	.28 .77 .45 .12 .37 .05 .36 .37
CONSINATION OF SAIRPORT 6 CONBING OF SAIRPORT 6 CONFIDENCE OF SAIRPORT FOR BRIDGOTON FLEW INGSURGE POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 RALEYS MILL	.01	.03	. 01		.01		.01	.01	.01	.01			•	.02	.01	.04	.23 .06 .05	.12 .02 .08	.03 .01 .07	.03 .02 .12 .07 .03 .03	.04	.03	.01	.18 .04 .10	.17 .38 .26 .33 .02 .65 .15
BALEYS WILL  REIDELBERG LOCK 14  LIBERTH STATE WORKS  LIBERTH BICKENN LOCK 8  LIFTLE BICKENN LOCK 8  LIFTLE BICKENN LOCK 8  LOOK 15  LOOK	.01	.01					. 02					.01	.01		.01	.10 .27	.02 .16 .01 .01 .03 .01 .02	.06 .07 .01 .02 .06 .07 .01 .09	.03 .07 .01 .02 .03 .03 .08	.03 .02 .01	.02	.30 .21 .01 .03	.08	.07 .02 .04 .01 .13 .03	. 48 . 13 . 33 . 41 . 35 . 18
MADISONVILLE MIDDLESBORD CITY HALL MILLERSBURG MORRHEAD STA TEACH COL MUNPORDVILLE OLIVE HILL	. 01	.01					. 04							.24	.02	.04	.10 .12 .12 .02 .08	.17 .33 .03 .07	.05 .08 .04 .02 .01 .21	.03 .04 .10 .01 .06 .02 .06 .03	.01 .01 .01 .01 .07 .09 .05 .01	.06 .07 .01 .06 .03 .01 .04	.07 .05 .01 .01	.01	.17 .08 .34 .23 .25 .50 .55 .24 .29 .08 .57 .19 .34
OTENSOND DAM 46 PADOCAH SCS NURSERY PIESYILLE RUNSEY LOCK 2 ST MARYS COLLEGE SALTERSYILLE SMITHEFIELD 4 SOMERSET HIVAT DEPT STRANS FATHER SPRINGS	.05	.01	.01						.01	.01			.01	.01	.01	.10	.06 .01 .09	.03	.02 .02 .14 .07	.01	.04	.03	.05	.16 .12 .06 .26 .01	.23 .06 .28 .24 .21 .48 .05 .23 .47 .07 .85
TOMPKINSVILLE UNIONYOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4  ADOISON OAM 45	01	.01	. 01	.01	.01		. 01	. 01	.01		_	-13t		.01	.01	.04	.07	.07	. 01	.01		.05	.04	.17	.36
ADOLDRUS 1 N BATTER BARLAN WATER WKS SERRA COLLEGE BOWLING GREEN WB AD CARROLLTON LOCK 1 CENTRAL CITY 1 E CLINION	.01 .09 .10 .01 .07	.03 .08 .04 .06	.01	.05	.02	.02	.01	.02	.01	.01	.01	.07	.02	.02	.02				.01						.14 .23 .18 .29 .18 .38 .27 .01
CORBIA I I I I I I CONTROLLA SERVICIO NE	.05 .21 .22 .17 .19	.03 .03 .01 .16 .03	.14	.05 .01 .01 .02 .01 .04	.01	.04	.02	.02	.07	.01	.07	.09	.09	.06	.01		.02								.28 .05 .42 .66 .31 .88 .83
HERMON BODGENVILLE NAT PARK JENKINS WATER WORKS LEXINGTON WE AIRPORT LISERTY LITTLE HICKMAN LOCK 8 LOGLICK 1 S LONDON POST OFFICE LOUISA LOCK 3	.01 .03 .66 .01 .02 .19	.16 .12 .01 .12 .03 .07 .06	.01 .02 .05 .08 .06 .02 .02	.15 .03 .01 .03 .02	.02	.10	.01	.01	.04	.03 .18 .02 .03	.01 .18 .03 .09	.01 .07 .04 .10	.05	.07	.05	.01	,03	.01	.09		.22	. 04	. 01		.63 .10 .55 .67 .95 .42 .28

Table 4-Continued

APRIL 1949

Station		_	-	_		7. 1	1. Hou	r endi	rg ,										4. Hou					_	
Sation	1	2	2 3	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
DUISVILLE STAN W B AP DUISVILLE WE CITY AD ISSOUTHER AD ISSOUTHER AD ISSOUTHER AD ISSOUTHER AD ISSOUTH AD ISSO	.08	2 .1	13 .0	06 01 08 06 02 01	- 04	.01 .01 .03	.21 .20 - .01 .03	.09 .04 .05	.01 .04 .04	.11	.03	- .10	.04	.06	.10 .12 .01	. 05	.03	.02	.09	.01					
INEVILLE  WREST LOCK LEE  I MARYS COLLEGE  ALTERSYLLE // ALTERSYLLE // BITEFIELD 4 S  BITEFIELD	.07 .02 .05 .01 .06 .02	2 .0 S .0 1 8 .1	02 08	01 12	.02 .08 .14	.08	.03	.02	.03 .33 .01 .02	. 07	.13 .01	.03	.01	.01	.02	.01	.01	.01	.07	.03	.02				
	. 02				. 01	.01							-14 <sup>-</sup>	th-	, 63	. 16	.08	.03	.01		.08	, 06	.03		.01
DDISON DAM 4S  RERA COLLEGE  RERA COLLEGE  LANGULTON LAC 1  LANGULTON LANGULTON LAC 1  REPARY DAM SO  SEST LOCK 3  SET LOCK 3  SET LOCK 3  COLINIALE NA LANGUAT  LANGUAT LANGUAT  LANGUAT LANGUAT  LANGUAT LANGUAT  LANGUAT LANGUAT  LANG													.01	.06		.S1 .68	.02	.03	.07	. 01	.01				
ILLERSURG DREHEAD STA TEACH COL LIVE BILL WENSBORD DAM 46 UMSEY LOCK 2 MITHFIELD 4 S													.01 <b>-1</b> 5	th–	.02	.43	. 01	.03	.01	.03			.02	. 01	.01
OVINGTON W B AIRPORT 6										•	•	٠.	-16	ŀ th−	.02							•	•	•	•
OVINGTON W B AIRPORT 6		.1	03										-17	th-											
AXTER HARLAN WATER WKS EERA COLLEGE OWLING GREEN WB AD ARROLLTON LOCK 1 ENTRAL CITY 1 E ONSTANTINE OWLNGTON WB AIRPORT 6									.01	.01	.03	,02	, 01		.08			.01	.06		.01	*	.05		.02
DMONTON LEMINGSBURG POST OFF ORDS FERRY DAM 50 EST LOCK 3								.01	.01	.02	.01	.01	.03	.04	,15	•	•	•		.08	.09	.01	.02	.04	.07
AZARO  ELIDELBERG LOCK 14  (MODGENVILLE NAT PARK ELINGTON WB AIRPORT  JERRTY  OCOLICK 1 S  ONDON POST OFFICE  OUISA LOCK 3  OUISY LLEE STIN W B AP  OUISY LLEE WE CITY							.02	.02			02	.03	.01		.01	.01			. 08	.01	.02 .02 .06	.02	.02	.02 .08	.09
AUCAS AITLE DAM 33 // AITLERSBURG FOREHEAD STA TEACH COL RUNFORDVILLE RUNFORDVILLE	-	-			-	-	-	.02	.01	_	.01	.02		.01	-	.01	-	-	.06	.03	.01 .98 .05	.04	.07	.01	.01
TIKE YILLE TY MARYS COLLEGE SALYERSVILLE SALYERSVILLE SALYERS SHITHE IELD 4 SOMERSET BYMAY DEPT STEARNS TOUPKINGVILLE GOLF CREEK DAM GOODBURY LOCK 4										.01		.02	.01					.01	.02	.03	.01	.01	.05	.01	.06
BAXTER HARLAN WATER WES BEREA COLLEGE CENTRAL CITY 1 E CORB IN 6		01	.01	. 07	.03		.08						-18	th-											
DAVELLA BAZARD // BEIDELBERG LOCK 14 // BEDDGENVILLE NAT PARK JENKINS WATER WORKS LOGILCK 1 S // LOGILCK 1 S //	.0	01	.01	.03	,01			.01 .01 .01																	
LUCAS  (KINNEYSBURG // MIDDLESBORD CITY HALL MOREHEAD STA TEACH COL PIKEVILLE STEARNS COLLEGE STEARNS TOMPKINSVILLE	.0	ne -	.01	.01	-	. 01	01	.01	-	-	-	-													

COVINGTON W B AIRPORT

ARDISON DAM 45
BOWLING GREEN WB AP
CARROLLTON LOCK 1
CEMPTAL CITY 1 E
CLIFTON COMMISSAFILE
COMMISSAFILE
FORDER WB ALREPORT
FORDER FRENT DAM 50DD RE
FORDER FRENT DAM 50DD RE
FORDER FRENT DAM 50DD RE
LEXINGTON WB ALREPORT

6

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6

# HOURLY PRECIPITATION

KENTUCKY APR1L 1949

.01 .01 .01 .01 .01 .15 .01 .02 .01 .01 .01 .01 .15 .15

.01

.03 .01 .03 .01 .24 .03

						A	м Но	ur end	ing									P	M Hou	ır end:	ing					
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	в	9	10	11	12	Total
													-21	st-	_											
ADDISON DAN 45 ADDIPHUS 1 W	"									.01	. 02	. 02			.02	.01	.02		.01							.05
HEREA COLLEGE HOWLING GREEN WE AP CARROLLTON LOCK 1	,,								.02		. 01	. 01	.03	.02	.01	.02			.02	. 02	.01				.01	.05
CENTRAL CITY 1 K CONSTANTINE								.01			.03		.01	,04	.03	.04	.03	.01	.01	.01	.01					.02
COMBINE COVINGTON W B AIRPORT DUMBNE BARRETTS PORD BR	6										.03	. 03			.02	. 02	.02	.01		٠	٠	:	:		.08	
FLERINGSBURG POST OFF												. 00			.05	. 01	20.	.01	.02	. 01		.02	.02	.01	.02	.15
PURDS PERRY DAM 50 PRANKLIN WATER WORKS GREST LOCK 3									.03	.02	. 03	.01	. 04		.01	.01	.01			.06	. 02					. 06
HALETS HILL HAXARD METDELBERG LOCK 14	<i>'',</i>								. 07		.01	. 01	. 04	.02	. 02		.01				.01	.03		.02	. 01	.19
HERBOOS HODGERVILLE HAT PARK	<i>'</i>								,02				.04	.03		.02	.05			. 01	.04				. 01	.05
JERKINS WATER WORKS LEKINGTON WE AIRPORT	,,																				. 03		.02	. 05		.07
LITTLE HICKMAN LOCK B	<i>!,</i>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.03	-04	. 05	.03	, 06	-	-	-	.12
LOWISH POST OFFICE LOWISH LOCK 3 LOWISVILLE STAN W B AP LOWISVILLE WB CITY																		.04	.01	.01	.03			.01	.05	.09
LUCAS												.01	.01	.02	.01		.03		.05	.05	.01					. 11
MC KINNKYSBURG / MC KINNKYSBURG / MOREMEAD STA TRACH COL	'/								.03	. 05	.01			.01					.01	.01	.02	.01	.03	.01	.01	.10
MUMPORDVILLE OLIVE HILL		-	-	-	-	-	-	-	~	-	-	-	-	-	-	-	-	-	- 01	.01	.02	- 01	.11	. 07	-01	. 15
OWERSHORD DAM 46 PADUCAN SCS NURSERY PIREVILLE									.05	. 03	.02	. 05	.01			.01										. 08
RUMSKY LOCK 2 ST HARTS COLLEGE									.02	.01	.03	. 02	.01		. 01	. 02	.03		.01			. 01	.01	. 02	.05	.08
SALTERSVILLE SMITHFIELD 4 B SOMERSHT HIVAY DEPT	'																. 02	.01	.01	.02	.06	. 04	.01	.02		.07
TOMPKINSVILLE UNIONTOWN DAM 49 WOODBRINY LOCK 4	,								.01		.01	. 01	.01		.01			.01	. 01						.03	.06
WOODSURY LOCK 4									, 02	.02	.04	. 01	-22	.01	.04	. 02	.01	.01								,18
ADDISON DAM 45	z		. 12		.01	, 04	. 04						22	u												, 05
BAXTER HARLAN WATER WES BEREA COLLEGE	_		, 12	. 15	.28	.02	.04	. 17	.20	. 19	.07															1.12
BOWLING GREEN WB AP CARROLLTON LOCK 1 // CONSTANTINE	,	01	, 01	. 12	.05		.02	.03																		.25 .17 .13
COVERNO V B ATEROPT	6		.01	:	:	:	1.38	:	.01	*	*	•	. 24													.03
DAVELLA DUNDER BARRETTS FORD BR RUMONTON		.02	.01	. 44	.31	.05		.05	.10	. 04	,01	.01	.01													.22
FRANKLIN WATER WORKS		.01	.02	1.04	. 05	.03	.10	.08	. 05	.01																.83 .25 1.32
GRST LOCK 3 WALEYS MILL MAZARD	,		. 02	. 01	.01	.11	.26	. 03	.07	. 05	. 01	. 01														.05
HERIDON HONGESVILLE NAT PARK	/	.01	.03	.01		. 15	.17	.03	.01		.01	.01														.93
JENKINS WATER WORKS LEXINGTON WE AIRPORT				.01		.05	.45	.23	.25	.01	. 02															1.11
LITTLE HICKMAN LOCK 8 // LOGLICK 1 S //	/	-	-01	-	.10	.20		.02	_	-	-	_	- 3													.05
LOWDON POST OFFICE LOUISA LOCK 3	´			.18	.40	.02	. 17	.03	.01	. 01	.01		.01													1.43
LOUISVILLE STAN W B AP LOUISVILLE WB CITY LUCAS					.09		.04	,,,,	***							1										.25
MADISONVILLE	,		. 01	.60	.01			. 07		.10																.69
MC KIRMETSBURG // MIDDLESBORD CITY HALL MILLESBURG	/				.01	05	.02	.01	.39	.07	.01															.17 .10 1.37
MOMEREAD STA TRACE COL.		_	. 01	-	_	.05	.08	.14	.01	.01	_	_	_													.15
OLIVE HILL PHENVILLE ST MARTS COLLEGE		. 02				. 10	.01	.12	.30	. 06	. 01	. 01														.13
SMITHFIELD 4 S	/	.01						.01	.05	.01	.02															.12
SCHERSET HIVAY DEPT STEARES TATHAN SPRINGS			.01	.07	.23 .45	.33	.17	.20	.02	. 01																.83
TOMPKINSVILLE WOLF CREEK DAW		.02	.03	.18	.71	.48	.02		.01																	.08 1.44 1.00
WOODBURY LOCK 4			. 01					.01					22													. 02

.15

-23d-

-26th-

.02 .03 .03 .02

.02

KENTUCKY APRIL 1949

					1	A. M. H	lour	endin	g									P. M	í. Hou	ır endinç	g					3
Station	1	2	3	4	5	5 6	,	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
MAO I SONVILLE MC KINNEYSBURG // MILLERSBURG WILLERSBURG WILLERSBURG RUSSER RUSSER JOCK 2 ST MARYS COLLEGE SWITTER I LD A S CUNTONTOWN DAM 49 //																.01				.02	.01	.01	.01	.01 .03 .26 .01	.04 .03 .45 .02	
AGOISON OAM 45 ADOLPHUS 1 N BAKTER BAULAN WATER WES BOWLING GUEEN WB AP CARROLLTON LOCK 1 CENTRAL CITY 1 E CLINTON COMBIN NINE 6	.04		02 .:	13 .4 03 .1 01 .0	03 .: 42 .: 16 .:	37 .: 49 .: .09 .:	.30 .07 .03	.01	.01	.02	.13	.10	-27 .01 .04 .01	'th- .07 .05 .08		.02	.18	.01 .51 .01	.27		.06				.05	.89 .67 2.13 1.42 1.61 .38 .11 .10
COVINGTON W H AIRPORT 6 OAVELLA DUNDEE BARRETTS FORD HH EDMONTON FLEM HOGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 HALEYS WILL HAZARD	.03	3 .1 2 .6 2 .4	05 * 18 . 04 . 43 . 01 .	.14 .0 .02 .1 .25 .1 .05 .0	06 01 . 19 . 13 08 . 19 .	.17 . .08 . .26 . .21 .	•	.01 .04 .16 .07 .01	.10 .27 .02 .02 .06	.06	.09	.06	.06	.01	, 08	.01	.03	.01								.58 .45 1.70 .59 1.00 .72 .72 .05 1.16 1.58 .16 .73
HEIDELBERG LOCK 1  BERNDON LEERNOON  FERNOON LEERNOON  JENEINS WATER WORES  LEERING WE AIRPORT  LIBERTY  LITTLE BICHAIN LOCK 8  //  LOGLICK 1 S  LORNOON POST OFFICE  LOUIS LOCK S  //  LOUIS LOCK S  //  LOUIS WILLE WEN CITY	.00	)2	01 . 01 .	.04	.12	.11 . .23 . .44 .	.13 .10 .45 .21 .02 .24	.23 .03 .16 .17	.17 .09 .94 .11	.06	.02 .18 .02 .03 .06	.01 .24 .09 .06 .30	.02 .09	.20	.03	.02	.06		1,60							.16 .73 .99 .80 1.19 1.16 .71 1.60 .68
MADISONVILLE DAM 33  MATSVILLE DAM 33  MC KINNEYSBURG  MIOOLESBORD CITY HALL  MILLERSBURG  MOREHEAD STA TACB COL  MUNPORDVILLE  OLIVE HILL  OUTWINDER O DAM 46	.0	02 . 01 . 02 .	.01 .03 .	.02	.19 .	.08 .08 .07 .37	.23 .09 .12 .14 .36 .04 .16	.02 .04 .02 .08 .02 .23 .09 .24 .10 .05	.01 .09 .10 .16 .15 .22 .07	.05 .01 .08 .04 .12 .02 .10 .02 .07 .02	.24	.02	.02	.01		L .02	2 .05	5 .15	5 .16	6 .25	.05	5 .0-	4			1.11 1.11 7.7 1.66 8.8 7.7 8.8 1.1 1.1 9 7.7 1.2 5.5 1.1 1.1 1.2
PADICARI SCS RURSERY PIREY ILLE RURSEY LOCK 2 ST MARYS COLLEGE SALYERSYILLE // SHITEPIELD // SHITEPI	.0	26 . 01 . 03 .	.12	.16	.22 .12 .14	.15 .03 .27	.01 .18 .17 .09 .16	.58 .02 .03 .25 .02 .15 .07 .01		.25 .02 .01 .11 .02 .01 .08	.11 .06 .03 .05	.02	2 .02 3 .04 3 .02 3 .02	2 .03 2 .67 6 .06	3 .01 7 .65 6 .03	1 .0: 9 .2: 5 .7: 3 9 .1	2 .01 2 .25 4 .11	1 5 .03 1 .13 8 .06	6							.8 1.1 .7 .8 1.2 2.8 1.2 1.5 1.1
WOODBURY LOCK 4  BOYLING GREEN WB AP CORBIN 6 BOODENVILLE NAT PARK LIERATY // MUNPORDVILLEGE ST WARTS COLLEGE SOMERSTE SIWAY DEPT STRARS VOLF CREET OAM			.01	.35	.22	,18							-29	th-											01 .0 .0 .0 .0 .0	.02
ADOLPHUS I N BATTER HARLAN WATER WKS BEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1			.01 .01		.12	. 07	.01	.04		5 3 .04	.01	L .0		Oth-	)2	.0	01 .0	1								
CARROLLIUM LITT 1 E COLLITION CONSTANTINE CORBIN 6 COVINCYON B AIRPORT 6 OAVELLA OUNDES BARRETTS FOBO BR PLEM INSSBURC POST OFF FORDS FERRY OAM 50 FRANKLIN WATER WORKS		. 02	.01	.01	.07	.14	.13	.05	.01 .01 .01 .02 .02	2 .00	9 .10	:	.00	.0:	.0		.0	2 .00	.0							
GEST LOCK 3 HAZARD HEIDELBERG LOCK 14 HEIDELBERG LOCK 14 HERNDON BODGENVILLE NAT PARK JENKINS WATER WORKS LEXINGTON WB AIRPORT LIBERTY	-	.01 .01 .04 .01	.02 .03 .01 .01 .06 .07 .12 .06	.01 .01 .01	.01 .05 .02 .01 .02 .09	.02 .04 .07 .06 .08 .07	.04 .04 .01 .07 .04 .05	. 02 4 .01 5 .06	8 .03 9 .08	3 .0: 8 .0: 8 .0: 9 .0:	. 02	2 .0	0, 16	.0		- 04 .0	02 .0	01 .0	- n	-	-		-			
LOGLICK I S // LOMDON POBT OFFICE LOUISA LOCK 3 LOUISVILLE STAIN W H AP LOUISVILLE WH CITY LUCAS MADISONVILLE MATSVILLE OAM 33 //		.02	.04	02	.09	.05	.09	-	.01	1	.01		-	-		-	-	-	-	-	-	-	-		-	

APRIL 1949 Table 4-Continued

Station					A 1	и Но	ur endi	ng									P	м Но	ur enc	ling					-
SHIPUM	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Toe
NC KINNEYSBURG //							.01	.04	. 03	, 03	. 04	, 06									-				
MIODLESBORO CITY HALL MILLERNSURO	.01	. 04	. 03	.01	.01	. 03	.07	.06	.01	,01	.02	.01			.01	.01									.21 .30 .37
MOREHEAD STA TEACH COL MUNFORDVILLE OLIVE HILL	. 02	.01	. 04	.09	. 13	. 06	.09	.05	. 15	. 01		.09	,01												.73
OWENSBORO DAM 46 PADUCAH SCS NURSERY	. 02		.01	.01	.02	.05	.06	.95	. 03	.01	. 01		.01	, 03											.38
PIKKVILLE RUMSEY LOCK 2 ST MARYS COLLEGE	.01	.03	. 03	.10	.08	.03	. 03	.04	. 08	.07	, 02	. 03	, 02	.03	.02	.01	.03								.68
SALTERSVILLE // SMITHFIELD 4 S	. 03	.02	.02	.14	. 16	.01	.0I .04	.07	. 10	.09	. 02	.01	.01		,01										.12
SOMERSET HIWAY DEPT STEARNS	.03	.08	.13	.09	, 04	.01	.05	.02																	. 02
TATHAM SPRINGS TOMPKINSVILLR UNIONTOWN DAM 49 //	. 02	.10	.03	, 05	.02	. 03	.08	.02	. 02				.01		.02										.38
WOLF CREEK DAM WOODBURY LOCK 4	. 02	.05	. 10	. 06	.02	.02	. 03	.05	.01	.01															.04

## DAILY TEMPERATURES

Chart																Day	of mo	onth								_	_						age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ANCHORAGE ASHLAND DAM 29 BEAVER DAM BENHAM SEREA COLLEGE	MAX MIN MAX MIN MAX MIN MAX MIN	53 40 79 47 55 39 70 45 61 39	39 49 35 60 34 75 39 55 39	45 41 57 35 53 40 61 35 50 39	49 27 59 32 61 27 61 36 58 32	44 41 59 32 53 39 63 40 54 45	60 39 56 41 65 36 54 40 59	64 40 59 35 69 42 59 39 64 42	57 38 57 39 63 40 67 42 59 45	63 28 50 30 65 33 60 24 59 30	59 38 62 30 69 41 64 26 64 41	59 38 61 31 68 46 72 34 66 46	74 50 70 44 71 43 64 47 70 53	74 55 72 51 78 53 67 49 64 54	77 49 70 49 78 49 65 49 78 51	38 78 49 72 37 77 55 75 40	39 31 58 35 52 29 61 32 44 32	64 29 43 27 69 30 51 22 60 30	50 36 47 27 58 33 62 26 59 41	58 28 54 37 61 25 60 34 55 34	61 31 54 31 65 28 50 27 68 32	58 41 68 31 59 47 73 40 72 51	75 55 75 45 79 52 76 52 72 57	75 48 73 46 78 49 78 48 72 54	62 76 48 70 44 65 36 68 43	73 34 59 33 77 32 60 30 75 37	78 47 72 35 75 51 81 32 80 53	66 59 85 40 72 56 80 42 69 56	66 50 67 52 73 51 69 57 73 51	76 46 68 43 75 48 78 50 71 46	62 53 79 42 65 51 68 53 67 54		62.2 41.0 63.9 38.4 66.9 40.8 66.4 39.4 64.7 43.5
BOWLING GREEN WB AP SURGIN DIX DAM CAMPBELLSVILLE CORBIN COVINGTON WB AIRPORT	MAX MIN MAX MIN MAX MIN MAX MIN	48 39 69 43 51 41 42 48 35	60 36 57 40 65 41 59 36 53 32	51 40 54 42 52 42 56 42 52 38	60 34 58 33 60 30 59 34 58 30	47 37 56 42 53 41 52 40 46 38	65 37 61 42 63 38 62 38 55 39	68 50 67 41 66 42 71 45 60 41	64 43 67 47 62 46 64 39 53	65 37 62 31 65 32 62 30 60 30	75 44 63 42 70 42 72 42 56 37	63 54 68 49 67 52 65 51 64 46	70 53 74 45 73 52 68 52 73 50	76 55 67 56 72 52 62 50 65 53	78 54 78 48 80 53 78 49 74 51	56 36 78 43 76 40 69 37 54 33	51 33 48 34 48 30 44 30 41 31	68 34 60 30 29 64 27 54 30	55 32 53 40 39 59 34 45 38	60 30 59 32 60 28 57 29 55 34	65 34 66 31 69 33 71 39 64 34	60 50 70 49 68 49 75 51 71	79 54 77 57 78 55 76 52 72 55	76 50 78 49 76 49 76 46 69 51	65 46 62 38 67 45 60 42 58 40	75 36 78 36 77 35 80 35 71 38	76 51 81 48 78 51 83 52 78 51	73 61 73 60 70 58 68 49 74 58	76 55 72 53 72 52 75 55 66 47	71 51 74 48 71 49 70 52 77 43	64 - 55 - 69 - 44 - 65 - 52 - 68 - 52 - 61 - 53		65.3 44.0 66.6 43.1 66.9 43.3 66.4 42.4 60.9 41.5
DANVILLE FARMERS FORDS FERRY DAM 50	MAX MIN MAX MIN MAX MIN	72 42 75 42 58	52 40 49 31 54	58 40 57 35 52	49 31 55 28 57	60 35 60 30 55	48 39 56 40 67	61 42 59 33 68	66 45 64 43 60	60 32 59 25 62	63 38 61 30 61	63 43 60 43 59	66 48 70 44 67	74 53 72 52 77	64 51 62 44 75	78 43 78 45	45 32 47 32 54	47 30 42 23 63	63 36 55 29 53	52 33 52 35 58	56 33 55 27 65	68 38 67 37 65	70 54 75 50 81	76 53 73 42 77	76 47 73 43 63	62 36 59 31 79	77 45 78 38 73	79 58 80 58 72	67 50 69 57 71	72 45 70 44 75	71 52 70 51 66		63.8 42.1 63.4 38.7 65.1
FRANKFORT LOCK 4  GREENVILLE 2 W	MAX MIN MAX MIN	71 42 55 42	53 38 59 38	57 37 53 45	56 30 58 33	60 30 54 42	50 40 70 36	62 39 68 49	69 44 61 43	63 29 65 37	64 30 74 40	58 41 70 52	70 47 70 47	71 54 78 58	70 47 77 56	75 45 71 41	50 34 55 33	51 29 70 35	65 34 67 37	51 33 61 29	58 32 33	63 32 65 50	70 47 80 57	77 46 78 56	74 46 66 50	60 35 77 35	73 36 75 57	80 45 71 60	72 52 73 53	69 45 73 52	75 47 64 55		64.6 39.5 67.5 45.0
HEIDELBERG LOCK 14 HENDERSON 4 SW HINDMAN SETTLEMENT SCH HOPKINSVILLE 2 E IEVINGTON	MAX MIN MAX MIN MAX WIN MAX MIN MAX	49 41 80 42 56 38 53 41	49 42 55 40 48 40 60 35 57 42	60 40 53 43 61 41 54 42 54	53 32 59 35 53 33 59 33 58 31	60 32 52 43 61 36 50 40 50 42	55 41 65 40 57 40 68 31 62 39	61 39 68 44 61 36 69 45 68 43	65 42 60 42 67 45 62 42 62 42	60 28 61 36 64 28 64 37 62 32	65 28 64 45 69 29 69 45 59	64 32 59 45 66 47 63 53 64 47	67 47 70 49 68 48 69 44 71 49	68 52 78 56 69 53 75 52 76 56	61 46 73 56 67 47 72 48 76 55	78 46 67 39 79 55 38 70 38	49 35 63 34 60 33 64 28 50 31	44 25 70 34 53 24 70 33 65 32	61 27 63 34 60 43 57 39 57	55 32 59 31 60 32 60 29 61 30	55 28 63 35 57 27 63 40 63 33	68 28 61 51 72 45 65 53 63 48	74 47 78 58 78 53 76 55 77 55	75 42 77 56 77 39 78 55 77	74 42 69 46 74 39 68 48 63 46	59 31 78 40 62 29 70 38 76 35	78 41 71 55 78 35 75 50 77	81 41 72 60 82 58 70 60 72 60	65 52 82 50 64 53 74 55 70 53	72 42 75 47 74 40 70 55 76	71 42 65 55 89 51 70 54 65 55		63.7 38.0 65.6 44.7 66.3 40.7 66.2 43.8 65.1 43.8
LEITCHFIELD LEXINGTON WB AIRPORT LOUISVILLE STAN WB AP LOUISVILLE WB CITY LOVELACEVILLE	MAX MIN MAX MIN MAX MIN MAX MIN MAX	55 40 49 41 52 42 50 42 60 42	57 37 53 35 56 40 56 42 59 38	53 41 51 37 53 41 54 42 56 46	58 32 56 31 58 35 58 39 61 35	51 40 46 39 46 41 48 41 60 45	63 38 59 40 63 41 60 42 71 38	67 43 64 41 68 43 64 45 73 46	61 41 58 38 59 43 57 44 70 46	60 33 59 30 62 36 60 36 63 43	65 40 56 39 58 43 57 46 71 51	63 48 66 45 62 46 60 47 67 48	71 51 70 54 72 52 70 51 71 48	74 53 65 52 74 56 71 56 80 55	77 53 75 51 76 50 74 50 77 53	71 39 61 34 54 34 53 33 64 41	49 32 46 31 51 34 47 33 58 29	67 32 61 30 66 33 63 37 74 38	60 36 49 37 48 39 48 38 71 34	59 31 54 30 58 36 57 36 63 28	68 34 62 37 65 36 62 41 64 37	60 50 69 51 68 50 65 53 64 50	76 54 74 52 77 57 75 57 81 60	76 51 73 49 76 54 73 58 83 52	68 46 58 42 60 44 61 45 74 48	76 36 73 36 78 39 76 44 81 38	76 50 79 49 80 58 77 59 70 48	70 57 68 55 73 60 72 60 74 61	73 52 67 48 70 51 67 53 74 54	75 46 74 46 77 49 76 50 74 50	66 53 63 52 64 55 62 54 67 55		65.5 43.0 61.9 41.7 64.1 44.6 62.4 45.8 69.2 45.2
MADISONVILLE 1 SE MAMMOTH CAVE PARK MAYFIELD 2 S MAYSVILLE DAM 33 MIDDLESSORO	MAX MIN MAX MIN MAX MIN MAX MIN MAX	43 69 42 59 39 74 41 75 44	46 37 48 38 59 35 48 30 64 33	59 44 60 41 55 42 55 30 62 45	50 32 50 30 58 33 57 28 66 36	60 38 60 41 57 42 60 28 63 44	54 42 50 37 69 37 39 65 39	62 44 65 44 72 44 57 39 72 40	63 46 67 43 68 44 63 41 67 46	61 36 61 30 61 39 57 29 69 30	65 43 64 41 70 47 59 29 71 35	72 50 72 50 69 52 60 30 67 50	63 47 62 52 88 48 69 45 67 50	72 53 70 52 78 51 72 52 65 49	78 58 74 52 75 51 60 47 78 48	75 42 80 41 71 38 78 47 75 54	47 33 48 32 54 27 48 35 55 35	51 36 49 27 72 39 42 28 62 25	60 41 69 39 68 36 51 28 64 47	52 36 51 25 60 28 47 37 61 30	60 32 58 28 62 37 54 30 71	65 43 66 48 64 49 67 30 72 50	64 54 64 55 79 56 74 45 74 55	78 55 78 50 80 53 74 47 79 44	79 49 76 45 79 51 72 44 73 40	65 35 63 34 78 39 56 32 79 33	79 49 72 49 75 55 72 32 80 43	74 60 79 58 72 57 80 46 76 60	72 53 71 53 74 51 73 50 79	75 55 74 48 72 48 70 41 76 52	78 55 70 52 65 50 77 41 62 52		64.8 44.7 64.7 42.6 68.1 43.9 63.0 37.4 69.6 43.1
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DAILY TEMPERATURES

KENTUCKY APRIL 1949

Table 5	Con	tinued

Table 5-Continued																										_					_		
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RUSSELLVILLE ST JOHN BETHLEHEM ACAD MAN SCIENCE BILL MAN SCOTTSVILLE MAN SHELSVILLE 2 W MAN WEST LIBERTY WATER WORKS MAN WILLIAMSURG MILLIAMSTOWN WOLF CREEK DAM MILLIAMSTOWN	4 4 6 6 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 9 1 6 2 5 3 1 0	50 38 48 41 60 37 64 37 52 37 49 61 36 31 50 46	60 41 57 40 53 43 52 42 56 36 61 63 44 35 64 38	51 37 50 32 60 35 55 55 55 29 55 62 32 32 32 56	59 37 57 39 51 44 58 42 58 28 62 58 44 44 44	50 37 48 39 61 39 67 36 46 38 57 64 38 39 49	70 43 62 42 65 42 70 46 60 37 51 71 42 43 66 44	71 45 66 43 61 47 66 43 66 39 52 65 46 41 70 49	65 38 60 32 62 31 63 34 59 30 65 65 29 31 66 33	64 43 61 40 70 43 78 48 60 31 64 71 39 33 68 43	75 50 59 46 70 52 72 55 57 40 60 71 51 37 78 53	63 53 62 50 70 55 69 54 66 44 62 68 51 45 69 55	69 55 71 54 63 53 71 52 72 53 64 64 48 56 70 53	78 55 72 41 79 51 81 54 72 50 65 78 50 52 69 53	80 44 76 40 75 42 75 43 75 42 79 74 47	54 33 44 31 44 32 52 34 43 32 51 50 32 32 32	56 35 49 28 62 32 69 31 49 28 41 65 27	72 40 65 38 61 42 63 39 63 36 59 64 45	60 32 49 31 57 28 61 27 45 29 54 58 29 33 58 29	62 35 60 33 68 31 69 32 57 30 55 68 29 33 62 32	65 46 48 69 52 65 51 64 33 54 71 48	63 56 62 50 75 55 78 54 68 75 45 51 68 55	80 56 76 47 74 45 78 54 76 50 71 76 49 52 78 48	80 51 74 46 59 42 77 45 74 44 74 73 42 39 79	88 38 61 35 77 35 79 34 60 35 73 77 32 35 35 35	76 42 77 45 79 50 81 50 76 37 59 81 37	78 57 71 56 70 60 75 62 79 46 80 70 61 53 82 60	76 55 69 51 74 53 75 49 67 76 58 47 70 56	76 54 69 49 70 49 69 51 69 45 71 75 48	70 55 75 54 64 53 66 54 75 45 70 67 52 51 73 56		67.0 44.8 62.8 42.1 65.6 43.8 69.2 44.4 63.1 38.7 62.4 40.6 68.5 42.4
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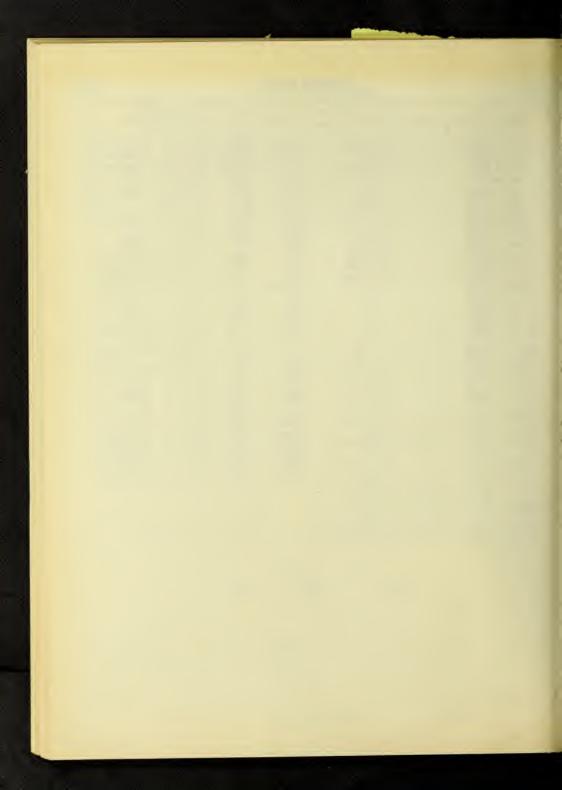
# STATION INDEX

KENTUCKY APRIL 1949

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Station	Index No.	County	Dramage: Latitude	Longitude	Elevation	thm:	n	Refer to tables	Station	Index No.	County	Drainage;	Latitude	Longitude	Elevation	vatio time	n D. Observer	Refer to table
ADDIRON DAM 45 ADMLPNUS I N ALLEN ANCHOMAGE ANHCAMP	0043 0005 0155	DRECTING INGRALLEN FLOYD JEFFRENON PIKE	7 37 65 3 36 30 1 37 35 7 38 16 1 37 18	85 33	700	7 P	SA CORPS DF ENGINEERS 7A IDEAL W DEARING NANNIR AURIER 7P C R DARBET 8A MARY S RATLIFF	3 4 3 4 3 2 3 6	LOULICE 1 E LOUINA LOUE 3 LOUISVILLE DOWNAN FIELD LOUISVILLE ETAN WB AP	4943 4951	CLAWE LAUREL LAWRENCE JEFFRESON JEFFRESON	2	37 61 37 08 38 07 38 13 38 11	84 02 84 06 82 37 86 40 86 44	1260 584 658 486		BA MRS H BURDIER RA R R MC HARNER 7 A NUSBELL T WICKLER ID UN WEATHER SUITEAU ID US WEATHER BUREAU	3 4 3 4 3 4 3 4 2 3 4
ISKLAND DAN 20 MARIKUURYILLE WATER WAS MARDSTOWN MASS 3 SW MAXTER MARLAN WATER WES	0.438	KNOR NELSOS TAYLOR	7 3R 27 2 36 52 R 37 48 3 37 10 2 38 51	83 53 85 28 85 10	534 1000 637		7A CORPS OF ENGINEERS 7A JOHN R WHAWTON 7A MHS POPE SISCO 7A CLAUDE CAVE & R KEA ID CYRUS S LAYSON	3 4	LOUISYILLE UPPER CAGE LOUISYILLE WH CITY LOVELACEVILLE LUCAS WADISONYILLE	4958 4067 5002	JEFFENRON JEFFRRON BALLARD BARREN HOPKINS	6	38 16 38 68 38 63 37 20	85 45 86 50 86 02	403 467 470 400	7A 8P	SA UB ENGINEERR 7A UG MEATICE BURRAU SP BLAIGE MALONE MA CECIL B BRITT KA BRASHER C DACON	2 3 4 2 3 3 4 CLOSE
RAYER DAM ENRAM ENTON EREA COLLEGE EREA WATER WORES	0593 0611 0619	OHIO HARLAN MARSHALL MADISON MADISON	3 37 25 2 38 58 9 38 51 4 37 34 4 37 34	82 57 88 22 84 18	1070	8A 6P	SP E O TOUNG HA C C WHITKAKER HA BENTON WATER WORKS SP JAMES A GROSSMAN 7A WRS L B GAFFARO	2 3 6 2 3 6 3 4 2 3 4 6	MADISONVILLE 1 SE MANMOTH CAYE PARK MANCIGESTER MAYFIELD SURSTA MAYFIELD 2 S	5097 6110 5230 5232	HOPRINS EDMONGON CLAY GRAYES GRAVES	3 :	37 19 37 11 37 00 36 44 36 42	87 20 86 06 83 46 88 30 88 38	436 800 450 364 364	7 A	7A J W MC COY 8A GRANVILLE B LILER 7A EARL MOWARD TYA 5P MG6 JOE PAYNE	2 3 2 3 2 3 3 3 2 3
OSTON 2 SW OWLING GREEN OWLING GREEN SUDSTA OWLING GREEN WE AP RENT DAM 36	0004 0907 0909	HELSON WARREN WARREN WARREN CAMPBELL	8 37 46 3 37 00 3 37 61 3 38 58 7 30 03	86 26	538 470 835	1.4	7A MRS PAULENE CDY 7A JAMES R ROWARDS TVA 1A US WEATHER BUREAU 7A CORPS OF ENGINEERS	3 3 3 2 3 4 5	MATSVILLE DAW 33 MC KINNEYSOURG MIDDLESRORO MIDDLESBORG CITY HALL MIOWAY 2 S	5301 5389 5394	MASON PENDELTON DELL RELL WOOOFGRD	5 2 2 4	38 38 38 36 36 37 36 36 38 07	83 42 84 16 83 43 83 44 84 42	324 610 1128 1150 605	SP M	SA CORPH OF ENGINEERS 7A AMANDA A AULICK SP HUGH ALIEN IO CITY OF MIDDLESBORO NA JOHN D NUGENT	2 3 4 3 4 2 3 3 4 3 4
KOWNSVILLE LOCK 8 TROIN DIE DAM DENSIDE ADIT LOCK E VADHELLSYILLE	1127 1156 1206	KOMONSOS MERCER PULASKI TRIGG TAYLOR	3 37 12 4 37 48 2 36 59 2 36 46 3 37 20	84 43 84 37 87 58	410 770 705 424 777	4P	TA CORPS OF ENGINEERS SA C W WILLIAMS TA SARAH E LEWIS TA CORPS OF ENGINEERS EP ALYA WC KINLEY	2 3 5 8 3 3 2 3 5	MILLERSBURG MILLESTOWN MONTICELLO MORRIBAD STA TEACH COL MOUNT STERLING	5438 5524 5555	SOURBON GRAYSON WAYNE ROWAN WONTGOMERY	2 5	38 18 37 27 36 50 38 II 38 03	84 00 86 03 84 51 83 26 83 57	560 010 770 930		RA MRS AMY L POTTS SA MRS O M LAWLER TA E O COOPER RA II C HAGGAN 5P FRED CARTMILL	3 4 3 3 3 4 2 3
ARROLLTON LOCK 1 EXTRAL CITY WATER WKS LINTON MALEGE HILL LOCK II MALUMNIA	1439 1631 1704	CARROLL MUHLENBERG HICKMAN MADISON ADAIR	4 38 41 3 37 19 6 36 41 4 37 47 3 37 06	84 06	480 440 729	2	7A CORPS OF ENGINEERS ID CEN CITY WATER MCS IO WOOGSON D FRANKLIN HA CORPS OF ENGINEERS 7A MRS HAZEL B PICKETT	3 4 3 4 3 4 3 3	MUNFORDVILLE SURRAY OLIVE DILL OLNEY ONEONTA DAM 35	5694 8012 6020	HART CALLOWAY CARTER HOPKINS CAMPBELL	7 7	36 36. 38 18 37 13	85 53 88 20 83 II 87 47 84 18	600 600 752 380 497	6P	7A SAR CHADDOCK 6P RURRAY WATER SYSTEM 8A MR8 W F FULTZ JR 8A ANT D WILLIARS 7A CORPS OF ENGINEERS	2 3 4 2 3 4 3 4 3 3
OMSTANTINE ORGIN ORBIN WATER WORKS OVINGTON WE AIRPORT VYTHIANA	1801 1806 1865	BRECKINRIDGE WHITLEY WHITLEY KENTON HARRISON	3 37 40 2 36 57 2 36 57 7 39 04 5 38 23	84 06 84 06		MID M	1D WRS GLENNIE L SHARP ID US WEATHER BUREAU 7A CORBIN WATER WORKS ID US WEATHER BUREAU 7A MARSHALL HILL	3 4 8 2 3 4 8 2 3 8 3 8	OWENSBORO OWENSBORO DAM 46 PADUCAH NO 5 FIRE STA PADUCAH SCS NURSERY PADUCAB TVA	6096 6115 6117 6119	DAVIESS DAVIESS NC CRACKEN NC CRACKEN NC CRACKEN	7 7	37 05	87 09 87 08 88 37 88 35 88 35	420 404 348		7A YIRGIL P CLARE 7A CORDS OF ENGINEERS 6A CAPTAIN FF WILLIAMS 7A SOIL CONSERY SERY SOIL CONSERV SERV	2 3 4 2 3 4 3 4 3 4
ANVILLE RVELLA ELPHIA EUA UNDEE DARRETTS FORD BR	2053 2131	BOYLE MARTIN PERRY KNOTT ONIO	4 37 39 1 37 48 4 37 02 1 37 25 3 37 33	82 32 83 07	1200		7A R P COLDIRON 1D BERTHA DE LONG 8A FARIS CRESS 8A HATTIE B BARNEY 7A J L BUFF	2 3 5 3 4 3 3 3 4	PAINTSVILLE PIKEVILLE PINEVILLE PLEASUREVILLS 2 S PRINCETON	6353 6384 6435	JOHNSON PIKE SELL SHELDY CALDWELL	1 2 4	37 49 37 29 36 45 38 20 37 06	83 42	820 686 999 882 529	2A	7A JESSE FAIRCBILD 2A US WEATHER BUREAU 7A F PARTIN 6A E B MORGAN 5P ALTON W EARVILL	2 3 4 3 3 2 3
CYMOR UNVILLE DOYFILLE LOCK F DWONTON LIZADETHTOWN WATER WKS	2374 2445 2469	MURLENBERG CASEY LYON METCALFE HARDIN	3 37 05 3 37 13 2 37 03 3 37 00 3 37 42	85 58 88 05 85 27	610 420		7A N D GIVEGS 7A LINNIE D TARTER 7A THOMAS SMITB 7A JOHN E MORAN 7A BUD B JONES	3 3 3 3 4 3	RAVENNA LOCK 12 RICHMOND TEACHERS COL RUMSEY LOCK 2 RUSSELLVILLE RUSSELLVILLE SUBSTA	6805 7039 7049	ESTILL MADISON MC LEAN LOGAG LOGAN	3 3	37 40 37 44 37 32 36 51 36 50	83 57 84 18 87 16 86 53 86 54	631 1000 384 590 576	7.A	7A CORPS OF ENGINEERS 7A EASTERN TEACHERS CO 6A CORPS OF ENGINEERS 7A DR S S MC REYNOLDS TYA	2 3 3 4 2 3
ALMOUTE ARMERS LEWINGSBURG LERINGSBURG POST OFFIC ORD LOCK 10	2791 2903 \$2908	PENDLETON ROWAN FLEWING SLEWING CLARK	5 38 40 5 38 09 5 38 25 5 38 25 4 37 53	83 33	750	4P	8A JESSIE OLDHAM 7A MRS C C STAMPER 7A SYRON F FLEMING MAURICE O CARPENTER 7A CORPS OF ENGINEERS	2 3 5 3 3 3 4	SADIEVILLE WATER WORKS ST JOEN BETHLEHEM ACAD ST MARY SALYISA LOCK 6 SALYERSVILLE	7091 7096 7121	SCOTT HARDIN MARION MERCER MAGOFFIN	8 8	38 23 37 42 37 55 37 56 37 45	84 32 85 59 85 21 84 49 83 04	890 777 730 520 900	4P M	7A E W MULBERRY 7A SISTER 8 M GSELL ID ST MARY COLLEGE 7A CORPS OF ENGINEERS 7A J M MAY	2 3 4 2 3 4 3 4 3 4
ORDS FERRY DAM SO RANKFORT LOCK 4 RANKLIY WATER WORKS NEWCHBURG 1 SW EORGETOWN WATER WORKS	3028 3036 3052	CRITTENDES FRANKLIN SIMPSON MENIFEE SCOTT	7 37 28 4 38 13 3 36 43 5 37 57 4 38 12	86 34 83 39	691	4P	6A CORPS OF ENGINEERS 6A CORPS OF ENGINEERS 7A HERWAN D NEAL 8A C JEROME RIERONYMUS 8A JOE W ATKINS	2 3 5	SCIENCE HILL SCOTTSVILLE SEBREE WATER WORKS SHELBYVILLE 2 W SHEPHERDSVILLE	7215 7234 7324	PULASRI ALLEN WEBSTER SHELBY BULLITT	3 :	37 36 38 13	84 39 86 12 87 32 85 16 85 44	770 360 625	6P 6P	6P WILLIAM B DOBBS 6P NOBLE ALLEN 5P SEBREE WATER WORKS 5A WILLA S A RATTA 7A CONRAD MARAMAN	2 3 2 3 3 2 3 3 3
EST LOCK 3 LASGOW WOOMAN AFDU PT KNOX RANT DAW 38 RAYSON	324I 3280 3358	MENRY SARREN HARDIN BOONE CARTER	4 38 25 3 37 00 7 37 54 7 38 59 7 38 19	85 40 85 58 84 49		M	7A COMPS OF ENGINEERS 7A OSA L FOLLIS ID US AIR FORCE 6A COMPS OF ENGINEERS 8A SBIRLEY I STATEN	3 4 3 3 4 3 3 4	SMITHPIELD 4 S SOMERSET HIWAY DEPT SPRINGFIELD STEARNS STILLWATER	7507 7604 7677	HENRY PULASKI WASHINGTON MC CREARY WOLFE	8 2	37 07 37 41 36 42	85 16 84 35 85 14 84 29 83 29	1420		7A F W SIMPGON 7A L R SUTHERLAND 8A JOHN P ELDER 8A C E CHITWOOD 8A MRS B E HOLLAND	3 4 3 4 3 4 3 4
REENSBURG REENSBURG HIWAY 61 BR REENUP DAW 30 BEENVILLE 2 W ALEYS MILL	3435 3443 3451	GREEN GREENUP MUHLENBERG CNRISTIAN	3 37 16 3 37 15 7 36 37 3 37 12 3 37 D3	85 30 82 51 87 12	540 519	59	7A MRS MELL M LINGLE 7A KENNETR STOTTS 7A CORPS OF ENGINEERS 5P C R LOVELL ID CLEATUS S BRINKLEY	2 3 5 3 2 3 5 3 4	SUMMOR SHADE SUBSTA TATHAM SPRINGS TAYLORSVILLE TOMPKINSVILLE TOMPKINSVILLE TEL OFF	7924 7948 8060	METCALFE WASRINGTON SPENCER MONROE MONROE	6	37 52	85 21 85 41	489 899 899	M	TVA 7A R C OEDMAN 7A MRS EATHRYN B CARR ID JAMES T PHILPOTT 7A MRS ALICE B HALE	3 4 3 4 3 4
ARTFORD 6 N NZARD EADQUARTERS EIDELBERG LOCK 14 ENDERSON 4 SW	3709 3722	ORIO PERRY N1CBOLAS LEE HENDERSON	3 37 32 4 37 15 5 38 24 4 37 33 7 37 47	84 07 83 46	800	4P	6P W R CARSON SR 7A H A BAILEY 7A L M GAFFIN 6A CORPS OF ENGINEERS 6P FRANK STREET	3 4 2 3 5 2 3 4 5 2 3 5	TURKEY CREEK SCROOL TYRONE LOCK 5 UNIONTOWN DAM 49 VALLEY VIEW LOCK 9 VANCEBURG DAM 32	8179 8197 8246	PIKE ANDERSON UNION CLAY LEWIS	7	36 45 38 02 37 46 37 51 38 38		524 357 571 525		TYA 7A CORPS OF ENGINEERS 6A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS	3 3 4 3
ERNDON ICKSVILLE HIGH BRIDGE LOCK 7 HINDHAN SETTLEHENT SCH CODGENVILLE NAT PARK	3821 3837 3899	CHRISTIAN LAWRENCE JESSAMINE KNOTT LARUE	2, 36 44 6 36 48 4 37 49 4 37 20 3 37 32	84 43 82 59	440	8A	ID C W MEATTS TVA 6A CORPS OF ENGINEERS 8A ELIZABETB WATTS 1D C C SELF	3 4 3 8 2 3 5 3 4	WAYNESBURG 6 E WEST LIBERTY WATER WKS WILLIAWSBURG WILLIAWSTOWN WILLOW LOCK 13	8551 8706 8714 8724		5 2 5 4	38 38 37 36	83 15 84 10 84 34 83 50	939 943 646	6P 6P	7A FRANK BOECE 7A JOHN W TURNER 7A CHARLES B WEST 7A WISS N B SIMPSON 7A CORPS OF ENGINEERS	2 3 2 3 2 3 2 3 3 3
ROPKINSVILLE 2 E TYDEN SKINGTON INCESON ENKINS WATER WORKS	4093 4165 4196	CHRISTIAN LESLIE BRECKENRIDGE BREATHITT LETCHER	2 36 52 4 37 10 3 37 53 4 37 33 1 37 10	83 22 86 17 83 23	850 646 776	79	8A W K MORRIS GP MRS FOREST CAMPBELL 7P FLOYD G ROBEINS 7A ROBERT ROBERTSON 10 KENTUCKY WATER CO	2 3 5 3 2 3 5 3 3 4	WOLF CREEK DAM WOODBURY LOCK 4	8807 8824	RUBSELL BUTLER	3	36 53 37 11	65 08 86 38	610 504	MID	8A FRANK L BLOODWORTS 7A CORPS OF ENGINEERS	2 3 4 3 4
ERFUIAL BENE 2 N ENTUCEY DAM ANCASTER ICE PLANT AURA	4369 4414 4620	LETCHER JESSAMINE LIVINGSTON GARRARD HARTIN	4 37 10 4 37 58 9 37 01 4 37 37 1 37 45	84 38 88 16 84 35	1150 950 362 1032		7A MRS SUSAN F ISON 7A MARION W MADIG 7A TENR VALLEY AUTH 8A KENTUCKY UTIL CO 8A JAMES & FIELD	3 3 3 4 3 3										
ETTCHPIELD EXINGTON WB AIRPORT JOSETY LITTLE HICKMAN LOCK 8 OCEPORT LOCK 2	4746 4755 4825	GRAYSON FAYETTE CASEY JESSAMINE HENRY	3 37 29 4 38 02 3 37 21 4 37 45 4 38 26	84 36	979	MID P	8A GEORGE D LITSEY ID US WEATHER BUREAU 7A PALLIA L HANKLA 7A CORPS OF ENGINEERS 6A CORPS OF ENGINEERS	2 3 5 2 3 4 5 3 4 3 4 3 3										

See page 51 for reference notes.

- 63 ~



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# U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief

SEP 19 1949

# CLIMATOLOGICAL DATA

KENTUCKY .

THE

UNIVER

MAY 1949

Volume XLIV No. 5

SEP 28 1949



HIST

#### KENTUCKY - MAY 1949

O. K. Anderson, Section Director - Louisville

#### GENERAL SUMMARY

The month of May reversed the trend of the below normal temperatures of March and April. The first week of this month was unseasonably warm and was followed by a period of five days of rapidly cooling weather, with very cool readings reported in northern counties. Temperatures began rising again after this interval and remained above average until the last week of the month when readings dropped considerably below the seasonal normal. The alternating periods of warm and cold weather resulted in an over all record of one degree above normal for this month.

Precipitation for the State as a whole continued to be below normal with rain consisting of scattered showers and thunderstorms. With the type of rainfall prevalent, the progression according to amounts was highly irregular. Since the showery conditions were localized, quantities in each section varied at different times. In the first ten days, the greatest falls were found in the central and western counties near the Ohio River. During the following week the southeastern section received the major portion of precipitation. The Central Division reporting the largest amounts in the third week of the month. The ending of the month saw the southeast and west getting the heaviest falls. Practically all sections reported below normal rainfall for the month as a whole.

The month of May was favorable for crops and field work. Much was accomplished and good progress was reported in all activities in most sections during the whole period. During the first ten days, warm dry weather permitted plowing and preparation of corn and tobacco land, with considerable planting of corn and soy beans reported. Tobacco plants in seed beds were in fair to good condition, although plants were generally small. The dry weather was retarding the growth of pastures in many sections. Grains were reported as fair to good.

For the next seven days the continuance of excellent progress in plowing and preparation of corn and to-bacco land with corn planting was in full stride. Tobacco plants were generally small but transplanting was begun in southern counties. Grains were reported as fair to good with wheat heading in the southern thalf of the State. Barley and oats were near normal size and rye was beginning to head. Some cutworm damage was reported to early plantings of corn in the southwest with scattered reports of blue mold of tobacco plants. Good progress in plowing continued to be made in the middle part of the month and many sections were near completion. Principal activities during this period consisted of planting of corn and soy beans and transplanting of tobacco from seed beds to fields. Many fields of corn were up wit generally good stands reported. Tobacco plants were in fair to good condition although the average size was still below normal. Wheat was mostly headed with a slightly above average yield indicated. The showers of this period were beneficial to pastures but considerable weed growth was noticed. Some damage was reported in the southwest from army worms. Corn planting was near completion at the end of the month with tobacco transplanting becoming general. The ripening of rye was indicated in all sections. Potatoes and gardens were in fair to good condition with pastures good but all needing additional moisture. Fruit prospects ranged from excellent in western counties to light in the east where considerable damage was reported earlier. Crop damage reports included army worm infestation, leaf rust on wheat, and spotter reports of loss due to hail.

Severe storms took their toll during this month in life and property. Tornadoes were reported in Witt Springs and Somerset with large property losses and one fatality in the latter city. Strong winds accompanied by rain caused large losses in Irvine, Fillmore, Pebworth, Richmond, and Kenton County.

#### TEMPERATURE

The mean temperature for the State was 66.3°, which is 1.0° above normal for the month. The monthly mean temperatures ranged from 69.3° at Russellville to 62.6° at Maysville. The highest temperature recorded in the State was 95° at Campbellsville, on the 5th, and the lowest 36° at Farmers and Mammoth Cave on the 27th.

### PRECIPITATION

The average precipitation for the State was 2.78 inches, which is 1.18 inches below normal for May. The total amounts recorded at various stations ranged from 4.89 inches at Benham to 1.39 inches at Covington. The heaviest rainfall reported in any one day was 2.50 inches at Russellville on the 10th.

### ACKNOWLEDGMENT

An addition to the climatological data from some 5,000 Yeather Burean and cooperative weather atations, this bulletin series contains records from Rydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a maintenance of the record of the corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfail intensity which were essential to the planning of flood control and related works by the Corps of non-recording rain gages, has been maintained by the Wanther Bureau through working funds transferred annually to the Feather Bureau by the Corps of Regissers. These transferred annually to the Feather Bureau by the Corps of Regissers. These transferred annual transferred about \$100,000 per year between 1940 and 1944, and met'y transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about

 $\$25,000\,$  per year to meet the increasing needs of their program in the Western States.

Pravious to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued southly for each Network was established to see the internal requirements of the Federal agencies referred to showe, it provision was made for public dissessination of the data, distribution of the competition of the series of the competition of th

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, as individuals as listed in the Station Index.

	Sea le	el pressure	extremes_in	chee		Wind spec	od-mph		Relativ	e humidity	evereges	percent	Sunshine	
Station	Highert	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of meximum	1:30 a. E.S.T.	7:30 a. E.S.T	1:30 p. E.S.T.	7:30 p. E.S.T.	Percent of possible	Degree days
NGTON AIRPORT	30.35 30.32	4	29.60 29.52	22 22	8,1 6,8	33	SW	22	78 74	79 79	50 45	59 48	81	75 46

## COMPARATIVE DATA

Table 1								COM	rAn	AII	VE D	AIA								
	Т	emperetu	n.e	P	recipitalio	on		T	emperatu	re	P	recipitatio	on		Te	emperatu.	re	P	recipitatio	on
Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more
1889 1890 1891 1892 1893 1894 1895 1896 1896 1899 1900 1901 1902 1903 1905 1906 1907 1908	63.6 63.9 62.6 64.6 63.2 64.5 63.2 72.2 72.2 61.4 67.6 68.8 66.3 63.7 70.0 68.0 68.0 69.5 61.3 63.9	94 93 90 90 96 99 106 92 93 94 96 97 98 98 98 99 95 95 93	28 32 29 36 37 32 29 42 32 31 42 29 42 35 29 34 35 29 31 32 31 32 29 32 31 29 32 31 32 29 32 32 32 32 32 32 32 32 32 32 32 32 32	4.03 4.22 1.78 5.49 5.59 3.54 3.16 5.34 3.27 4.52 4.79 2.65 3.09 3.49 2.65 3.09 3.05 3.25 4.74 4.64			1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931	66.7 66.5 65.2 67.2 58.9 69.4 63.9 64.2 65.9 67.9 63.9 63.9 63.9 63.2 66.2 65.7 63.2 66.2	97 99 103 95 98 92 97 95 94 91 92 98 101 93 94 91 92 98	377 299 322 355 333 300 288 355 322 357 277 344 288 311 299 322 333 300 333	4.53 2.92 2.16 6.62 4.02 3.43 4.29 6.05 2.45 3.87 3.87 3.98 5.04 2.61 2.36 7.44 3.55 2.96 2.96 2.96	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 8 5 15 9 10 8 14 11 8 10 13 14 14 8 7	1935 1936 1937 1938 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 PERIOD	63.5 68.3 65.2 65.7 66.3 61.8 67.7 65.4 67.3 70.8 61.6 63.6 62.3 64.1 66.3	91 96 99 93 94 101 95 92 93 87 92 94 95	36 35 36 32 30 26 30 32 29 29 29 33 23 35 36	7.40 1.50 4.01 5.73 1.37 3.50 1.20 3.62 4.69 5.50 5.66 3.32 2.78	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 5 10 14 7 7 11 5 11 13 9 9 13 16 12 9 9 10
1910 1911	61.1 69.4	89 105	30 29	4.81 2.46	0	12 12 5	1932 1933 1934	65.1 68.7 67.7	92 95 99	33 40 36	1.39 6.43 1.67	0	15 5							

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state hasis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletis are: Temperatures in 'P', precupitation and evaporation in inches, and wind sovement in siles. Example tion is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, despoint values below 22°P, and relative bundity values at temperatures below 22°P, are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these bygro metric values hefore and after January 1, 1949, cannot accurately be combined without mecsagary conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record,
  And also on later dates,
  No record,
  And also on later dates,
  Manual included in following measurement, time dietribution unknown.
  Anomat included in following measurement, time dietribution unknown.
  Precipitation measured at 6-hourly intervale, no recording gage.
  Adjusted to a full month.
  Water equivalent of smorfall wholly or partly estimated, using a
  ratio of 1 latch water equivalent to every 10 lackes of mes smorfall.
  Station equipped with recording gage only.
  Storage precipitation station. Precipitation for the date of this
  Trace, an amount too small to measure.
  Includes total for previous month.
  Includes total for previous month.
  Includes total for previous month.

Subscription Price: 15¢ per copy; \$1.50 a year. (Yearly subscription includes Annual Summary) Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 1300 U. S. Court House, Chicago 4, 111inois.

# CLIMATOLOGICAL DATA

MAY 19-

Table 2					-													
				Tempera	ture								Precipitation	on				
		l _					No. o	f days		_			Snow	v, Sleet, H	nil	No	o. of day	rs
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
WESTERN DIVISION																		
EEAYER DAM GREENVILLE 2 W HENDERSON 4 SW EOPEINSVILLE 2 E LOVELACEVILLE	66.3M 67.4M 66.8M 67.5 68.5	0.1 2.3 - 0.5 0.5 1.3	92 89 91 88 90	6 6 6 4	37 42 43 44 43	27 11+ 10 11 12	4 0 1 0 3	0 0 0 0	2.12 1.89 2.91 3.29 3.26	- 1.99 - 1.95 - 1.04 78 49	.98 .50 1.00 .66 1.05	10 24 10 20 20	.0 .0 .T .0	0		6 8 8 10 8	2 4 4 5 5	0 1 0 1
MADISONVILLE 1 SE MATFIELD 2 S MURRAY OWENSBORO PEINCETON	67.3 67.7 68.8 67.3 67.3M	0.6 1.5 1.7 0.5	92 89 91 92 94	7 6 6 7 6	43 43 42 41 40	11 11 12 11 12	2 0 3 2 2	0 0 0 0	1.76 3.23 3.18 1.55 3.88	89 98 - 2.33 26	.37 .93 .92 .37 1.86	10 9 24 22 9	.0 .T .0 .0	0 0 0		10 9 9 8 6	3 5 4 2 5	0 0 0 0
RUSSELLVILLE	69,3	3.5	92	6	45	11	3	0	4.22	.27	2.50	10	.0	0		9	4	1
DIVISION	67.6	1.2							2.84	- 1.04								
CENTRAL DIVISION																		
ANCEORAGE BOTLING GREEN WB AP EURGIN DIX DAM CAMPBELLSVILLE COVINGTON W E AIRPORT	65.8M 67.6 67.5 67.7 64.2	1.9 - 0.2 1.8	89 90 92 95 90	5 5 5 5	37 43 41 40 38	11 27 11 11 11	0 1 3 3 2	0 0 0	2.92 2.71 3.28 2.11 1.39	82 - 1.45 46	1.95 .79 .98 .58	10 1 10 19 14	.0 .0 .0	0 0 0 0		5 10 9 7 8	3 4 4 2	1 0 0 0
DANYILLE FRANKPORT LOCK 4 IEVINGTON LEITCHFIELD LEXINGTON WB AIRPORT	65.7 65.4M 67.2 67.2 65.7	1.3 0.3 1.4 1.8 1.4	91 92 92 90 90	6 6 5 5	40 40 40 40 39	11 27 11 11 11	1 3 2 2 1	0 0 0 0	3.59 2.51 2.08 1.41 1.87	58 -1.24 -1.66 -2.71 -1.94	1.08 .94 1.26 .39 .73	10 22 10 10 10	.0 .0 .0	0 0 0 0		11 7 8 7 8	6 3 2 3 2	1 0 1 0 0
LOUISVILLE STAN N E AP LOUISVILLE WE CITY MAMMOTE CAVE PARK ST JOEN BETHLEREM ACAD SCIENCE HILL	67.8 68.4 65.4M 65.3 66.1	2.7 1.8 0.8 0.9 2.1	94 89 90 89 90	5 5 6 7 5	41 43 36 39 40	11 11 27 27 27	4 0 2 0 1	0 0 0 0	3.14 2.70 1.90 2.38 3.25	58 - 1.02 - 1.63 - 1.71 95	1.36 1.48 .79 .73	9 9 2 10 24	.0 .0 .0	0 0 0		10 6 11 8 9	3 3 2 3 4	2 1 0 0
SCOTTSVILLE SHELBYVILLE 2 W WOLF CREEK DAM	68.6 64.4 68.0	- 0.0	91 91 94	5 6 5	41 39 42	27 11 27	3 3 4	0 0	3.74 3.09 2.53	90	1.47 1.28 .74	10 10 21	.0 .0	0 0 0		7 9 9	5 3 4	1 1 0
DIVISION	66,6	1.3							2.59	- 1.26								
EASTERN DIVISION				ĺ		1												
ASHLAND DAM 29 SENHAN BEREA COLLEGE CORBIN FARMERS	64.7 64.8 65.4 66.7 63.9M	0.3 0.2 0.2	91 94 87 91 90	5 6 4 5 5	38 38 39 40 36	27 29 27 27 27	3 4 0 1 2	0 0 0 0	2.10 4.89 4.31 2.00 3.43	- 1.90 .32 68	.65 1.48 1.25 .81 1.06	27 11 16 24 11	.0 .T .T .0	0 0		7 13 8 7 10	4 8 5 4 5	0 2 2 0 1
HEIDELBERG LOCK 14 EINDMAN SETTLEMENT SCE MAYSVILLE DAM 33 MIDDLESBORD MOUNT STERLING	63.4 64.4M 62.6M 66.8 67.3	- 1.1 - 1.8 2.5 3.0	91 92 90 94 92	6 6 5 5	39 38 39 39 40	27 27 12 27 11	1 2 1 5 3	0 0 0 0	2.73 2.49 2.61 2.93 2.67	- 1.33 - 1.17 - 1.12 - 1.46	.86 .89 .90 1.76 1.00	10 10 22 22 22 10	.0 .0 .T .0	0 0 0		9 12 12 6 6	4 3 4 3 4	0 0 0 1 1
PIKEVILLE RICHMOND TRACHERS COL "ILLIAMSBURG	67.3 64.5 65.9	0.2 - 1.2 - 0.0	94 87 90	5 5 5	42 37 39	27 27 27	3 0 1	0 0	2.79 3.91 1.46	99 - 2.77	.85 1.34 .55	1 22 31	.0 .0 .0	0 0 0		10 11 6	4 4 2	0 1 0
DIVISION	65,2	0,2							2,95	- 1.09								
STATE	66,3	1.0							2.78	- 1.18								

Table 3																		-	•											1	U T 104
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14			nonth	10	10	00		00	10								othe
	1	Ħ		-	٥	0	,	0			- 11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	180)	29 3	0 0	1
ADDISON DAW 45 R ANGLEBRUS I N N 2 ANGLEBRUGAGE ASNEADP ASNEADP DAN 29	.10	.30								1.10 .88 1.95	.10				.35	τ	.25 T	т	Т	.05	.26	.28 .50 .05 .60	.02		.10						
BARBOURVILLE WATER WES B BARINTOWN BAYTER MARLAN WIR WES B REAVER DAN MENHAM	.07	7.6	.26					.02	.06	.45 1.98 .35 .DR	.59					.01 .21 T	.34	.05	.18	. 2R		.4D .26 1.03	.24	.31		.13	3				
BENTON R BERKA COLLEGE E BERKA WATER WORKS BOSTON 2 9 W BOWLING GREEN	.26 T .18	. 10							.84	1.22 .90 1.08 .25	.11				.22	1,25	.03		.08		.58	.50 .68 .25	.14	.21	.52	.01				4	
BOWLING GREEN SUBSTA BUWLING GREEN WB AP Z BRENT DAN 36 BROWNSVILLE LOCK 6 BURGIN OIX DAN	.70	1.02							T .38	.27 .06	,01				.63	.08			Т	T .20	.18	.28 .13 .24 1.25 .24 .45	.17	.24	.25 .21 T	.10 .10 .10 .10					
BURNSIDE CADIE LOCK E CAMPRELLSVILLE CARROLLTON LOCK 1 Z CENTRAL CITY WTR WES R	.04	.10							.41	.35 .57 .41 .20	.04					T .15	T .16		.58	.36	T .09	.45 .36 .41	.23 .12	.30	.85	.07		,nl		7 10	
CLINTON R COLLEGE HILL LOCK 11 COLUMBIA LW COLLEGE CONSTANTINE R CORBIN		.68						.48	.51 .30 .50	.05 .72 .51 .25	1.90					т	. 19		.05		.02		.77	.38	.08 .01 .47 .23	.04 .01 .06 .12				5	72
CORBIN WATER WORKS COVINCTON W H AIRPORT CYNTHIANA DANVILLE DAVELLA R	.12 .19 .02	.21					T . 22			.26	.28		т	.51	т	.01	. 26	т	Ť		.38 T		.06 .02 T	т	.83 T .13 .57		.14 T				0.00
DELPHIA DEMA DUNNOSE BARRETTS FRD BR R DUNNOSE DUNNOSE BARRETTS FRD BR R	.14	.05 .21							.20	.51	.00					.15	1.07		-	- 07	.12	.42 T .04	.57	-67	.65 .38 .45	.25	.16				3.11 1.12 1.70
EDDTYILLS LOCK F EDBONTON R FALMOUTS FARKERS FLENINGSBURG	.16	.26	.25						1.03	.21 .12 .40	.10				.05	.06	.15 T			.20 .28 .10 .10		.28	.40		.31 2,45	.19				101	3.38 3.45 3.44 1.70 4.43 3.21
FLENINGSBURG POST OFF R FORD LOCK 10 FORDS FERRY OAM 50 Z FRANKFORT LOCK 4 FRANKLIN WATER WORKS	.45 .21 .02 .09	.17				.17	Т		.43	.95 1.06 .65	.07				т	T .11	т		.09 T	.04	.77 .86 .05	1.22 .59 .25 .20 .94 .18	.08	.11	.02	.03				Ť	3, 21 5, 76 3, 71 1, 51 1, 51
GEORGETOWN WATER WORKS GEST LOCK 3 GLASGOW GRANT DAM 38 GRATSON	.01	.11 .27 .61					.01 T		.38 .08	.74 .47 .20	.34					.07 T	.20			.17 T	.15	.18 .66 .62	.19	.02	.35 .13 .19 .81	.01		.05 T		ū	2.25 1.83 1.60 1.11 2.00
GREENSBURG HIWAY 61 BR CREENUP DAM 30 GREENVILLE 2 W MALEYS MILL R BARTFORD 6 N	.08 .31 .46 .28	† 17					.65	.03	.03	.35	.08				. 10	.08 T	.02		T .08	.05		.45 .25 1.46 .03	.30	.50	.27	.06 .16 .20 .04	.02 T	.06	.0	5	1.99 3.72 1.89 1.44 1.83
MERODERSON 4 SW MERODON R BICKSVILLE	.14	.16					.14		.47 1 .45 .63	20	. 19					.03	.15		T	.25 .03	.69	.45 .47	.47	.21	.50	.10	.25		т.	.53	2.04 2.73 2.91 2.20
HIGH BRIDGE LOCK 7 BINDMAN SETTLEMENT SCH BODGENVILLE NAT PARK B BOPKINSVILLE 2 E IRVINGTON	.11 .07 .20	.11	.01				.31	.13	.42 .21 .19 1	.75 .89 .15	. 10				.02	т	.11		.03	.04	.02 .13 .04	.26 .02 .10 T	.02	.20	.14	.04 .01 .18			.0-	1 .16	1.80 2.49 1.32 3.29 2.08
JACESON JEMEINS WATER WORKS Z JEREMIAH GENE 2 N GENTUCKY DAN Z	.18 T	.10 .23 .25 .20	.36						T 1	.17 .29 .25 .60 1,	.05 .26					.33	.02			.32 .61 .01	.44	.30 .32 .50 .10	.95 .23 .42 .45	.17	.51 .45	.02	.10 .30 .18				3.30 2.50 3.12 3.54
LANCASTER ICE PLANT	.03	.08 .38 .31				т			.09		.08					.26	.10		т .	.05		.25 .42 .15		.48 .64	.26	.05	.12	T		.10	3,10 2,85 3,51 1,41 1,97 2,79
LITTLE BICKMAN LOCK 8 Z	.02	.16 .25						1	.08 .18 2 .17 .23	.93 . .44 . .31	69 21					. 43	.05		. 26	.07	.73 .05	.96 .74 .50 .35 .56	.25 .10 .15	.04 .75	.70	.04 .02 .05					3.50 1.78 5.27 3.61 3.04
OUISVILLE STAN WB AD Z OUISVILLE UPPER GAGE OUISVILLE WB CITY R OVELACEVILLE DCAS R	.12 .07 .41	.09						1	.36 1		50						.02	1	07 1	.05 T	.40	.01			.39 T T		.08 .02 T	T T	.17		3.04 3.14 2.33 2.70 3.26 2.41
ADISONVILLE 1 SE AMMOTH CAVE PARK ANCHESTER ANTIELD SUBSTA ANTIELD 2 S	.02	.33 .79 .64						T	.37 .10		14					.04				.04		.39 .05 .15 .28	.03	.32 ' T	.11 .31 .98 .40	.08			.10	.11	1.76 1.90 3.99 3.11
	.19	.30				1	r		.06	. 25 . 26 . 33	19				.04					.14	.40	.50 .76		.32 .02 - .15	.12	.12	.05	.02	,18	.20	3.23 2.61 2.93
ILLERSBURG R//	.08	.40				.02			.32	.70 . .34 .96 .32 .05	50					.05	. 55	1	.02			.45 .11 .23 .85 .61		.23 .25 .36	.10	.05	.09				1.97 1.69 2.04 1.95 2.94
UNFORDVILLE Z URRAY LIVE HILL R	.02	.25				.42				.15 .44 .44					. 19	.10				.14	.36 .27 1	.24		.92 .73	.34	.19	.05		.06		1.67 3.18 3.20 1.30 1.51
WENSBORO		.14								.06	15 25				.07	. 12 . 13 . 20	.02			T .05		.56 .37 .55	.12	.02	.18 .15	.12 .19 .20	.01	.10		T T	1.51 1.55 2.13

DA	TY	DR'	ECIP:	IΤΔ	TIC	M

KENTU MAY 19

.55

Table 3-Continued Day of month Total Station 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1 2 3 4 5 6 7 8 .43 .37 1.02 .28 1.34 .10 .25 .26 .58 .20 .42 .37 .65 PAINTSVILLE
PIREVILLE
PINEVILLE
PLEASUREVILLE 2 S
PRINCETON T .05 .35 2 3 2 3 .63 .08 .85 T .30 .44 T .01 .58 .08 .99 .29 .57 .30 .30 .03 .06 .24 .13 RAVENNA LOCK 12 8ICHHOND TEACHERS COL 8UNSEY LOCK 2 8USSELLVILLE 8USSELLVILLE SUBSTA .53 .08 .16 .60 .04 .03 .05 .10 .17 .07 .12 .03 .21 .14 .13 .11 SADIEVILLE WATER WORKS ST JOHN BETHLEHEM ACAD ST MARY 8ALVISA LOCK 6 SALTERSVILLE Ť .17 Ť .37 S R D R .12 .21 .16 .03 .16 .05 .16 .61 .58 .11 .09 .63 .04 .20 .05 T .86 .58 .08 .14 .15 SCISNCE SILL SCOTTSVILLE SCERREE WATER WORKS SHELBYVILLE 2 W SHEPHERDSVILLE .50 .11 .57 .20 .04 .08 R .06 R .05 R .05 R .05 2 T .04 .03 .02 T .40 .99 .12 .08 1.05 -.15 SMITHFIELD 4 S SOMERSET HIWAY DEPT SPRINGFIELD STEARNS SUMMER SHADE SUBSTA .05 .50 .19 .31 .30 .48 -85 .93 .35 .60 .05 .05 .06 .08 T .08 .04 .10 .36 .70 .05 .03 .35 .09 TATHAM SPRINGS
TAYLORSVILLE
TOMPKINSVILLE
TOMPKINSVILLE TEL OFF
TURKEY CREEK SCHOOL .36 .12 .15 .15 .07 .10 .44 .06 T .75 .03 .56

TYRONE LOCK 5
UNIONTOWN DAM 49
VALLEY VIEW LOCK 9
VANCESURG DAM 32
WAYNESSURG 6 8

WOODSURY LOCK 4

WEST LIBERTY WATER WES WILLIAMSBURG WILLIAMSTOWN WILLIAMSTOWN WILLIAMSTOWN WOLF CREEK DAM

.20 T .08 .03 Z .04 .23

## HOURLY PRECIPITATION

.08

.40 .15 .54

.80 .08 .21

.09

.06

т

1.09 .60 1.30 1.33 .36 1.33 .32 1.19 .74

.11

т

. 27

T

.28 .24 .29 .06 .32

.32 .42 T T .06 .22 .60 .09 .25 .25

T .31 .04

.03

Table 4							110	OIL		1 11	LCI			101	`											_
						Α.	M. Hou	ır endi	ng									P. 1	M. Ho	ur endi	ing					}
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ADDISON DAM 45 ADOLPHUS 1 N	<i>'</i> //												-ls	.04	.25	.04			.32	.06						
SARBOURVILLE WATER WES BAXTER HARLAN WATER WES BENTON 1 SW BOWLING GREEN WB AP	//									.03	.17	.05	.01	.32	. 43	.01	.01	.06		.06	.01					-
CARROLLTON LOCK 1 CENTRAL CITY 1 E CLINTON CONSTANTINE CORBIN	6	.01					. 04	.04	,23	.06		.22	.06	.01	.01	. 03			.21							-
COVINGTON W B AIRPORT DAVELLA DUNDEE SARRETTS FORD BE EDMONTON	6									•	•	•	*	.01	.05 ,01	.01	.06	•	•		.07	.01				-
FLEMINGSSURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3		•	•	•	•	٠	•	•	•	.06	.10	•	. 02		.31	.01	.45	.07								Ì
HALEYS MILL HAZARD HEIDELBERG LOCK 14 HERNDON	//										,08	.36	.04	.06					.07	.01						
HODGENVILLE NAT PARK JENKINS WATER WORKS LEXINGTON WB AIRPORT LIBERTY	//						.01				Į.					.12	.08	.09	.04		.18	.02				I
LITTLE HICKMAN LOCK 8 LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE STAN W S AP	77	-	-	-	-	-	-	-	-	.04	-	-	-	-	-	.02	-06	.12	-	-	-	-	-	-	-	
LOUISVILLE WB CITY LUCAS MADISONVILLE 1 SE MAYSVILLE DAM 33	//	-	-	-	- 06	-	-	-	-	-	-	- ,	-	-01	-10	-10	-01	-	-	-	.14	-	- 01	-	-	ı
MC KINNEYSSURG MIDDLESBORO CITY HALL MILLERSSURG MOREHEAD STA TEACH COL	77	-	-	-	-	-	-	.01	-	-	-	-	-	-	08	.15	01	-	.04	.01	.03	-		-	-	ı
MUNFORDVILLE OLIVE HILL OWENSBORO DAM 46 PADUCAH SCS NURSERY							.01		. 02	.20	.10	. 09	.03		.00	.10					.32	.01				l
PIKEVILLE RUMSEY LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE		-	-	-	-	-	-	-	-	-	01	-10	-04	-	-	.12	.05	-	-	-	-	-	-	-	-	
SALYERSVILLE SMITHFIELD 4 S SOMERSET HIWAY DEPT STEARNS TATHAM SPRINGS	//								.01	.01	.01						.03 .02 .25	.03 .03 .05								ı
TATHAM SPRINGS TOMPEINSVILLE UNIONTOWN DAM 49 WOLF CREEK DAM WOODSURY LOCK 4												.04		.03	.17	.03	.02	.01	.01							
SARBOURVILLE WATER WES										.01	.04		-2	d-												
CORBIN JENKINS WATER WORKS	6	*	•	•	•	•	.01							.03	.20											

KENTUCKY

MAY 1949

						A	м Но	ur end	ling									P	м Но	ur end	ing					
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
PIEEVILLE													-	. 01	.01											. 02
FORDS FERRY DAM 50 UNIONTOWN DAM 49	7													th— th—			. 01	.01								.01 .05
DAVELLA /														th-		.20			, 02							. 22
CLINTON FORDS FERRY DAM 50 HALEYS MILL PADUCAS SCS NURSERY													-0	in-						.01			.18	.18	.14 .08 .02	.48 .08 .03
ADDISON OAM 45 /ADOLPHUS 1 N /	,				. 12	, 08	, 03		. 01				-9	th-							.53	.21			. 01	, 99
BARBOURVILLE WATER WKS BAXTER HARLAN WATER WKS					. 67							٠	٠	.16	٠	٠	.08	.09	.01	.01	٠	* 10	.20	.01	•	. 06
BERRA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1 CENTRAL CITY 1 E CLINTON	7	.05	,01	. 05	.01	, 02	.01	.07	.10	. 03				.10						.21	, 05	.02	. 15	. 40	.53	1,09 .31 .20 .31
CONSTANTINE	6	.00	,01		.15			.03	. 06	:	:	:	. 01		, 05		,15	,11	. 04	.13	;31	,			.01	.51
CONSINCTION W S AIRPORT DAYSLLA OUNDEE BARRETTS FORD ER EDMONTON FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3		.01	.01	, 01	.11	.01	.01	. 02									,08	.06	, 56	.01	.03	. 05		. 02	. 03	.15 .20 .10
HEIDELRERG LOCK 14 /	,	,01	.05	.03	.01	.01		, 03	.03	.12	.01	. 01		, 01	.10	. 01				,14		.14	. 06		.43	.35 .25 .20 .55
HODGENVILLE NAT PARK JENEINS WATER WORKS LEXINGTON WB AIRPORT	,	,01	.13	, 01	, 02					. 04	.22							. 06					.01	.02	.01 .03 .22	.45 .42 .14 .48 .21 .39
LITTLE HICKMAN LOCK 8 LOGLICK 1 5 LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE STAN W B AP LOUISVILLE WB CITY	,							. 04	.17	.04	. 01					.01		.01	.03				.18	. 94	.01	.21 .39 .18 1.17 .31 1.36
MADISONVILLE 1 SP			.22	. 07	. 01	.03	.18		.02	.00						.01		.01	.06		.11	.01	.73 .92 .08	.27 .27 .08	.13 .13	1.36 1.48 .28 .38
MAYSVILLE OAM 33 MC KINNEYSBURG MIDDLESBURG CITY HALL MILLERSBURG	,	-	-	-	-	-	. 08	.01 .04 -	.02	.01	.01	- 23	.22	.14	-	-	.01	.01	-	-	-	-	-	_	-	.17
MOREHEAD STA TEACH COL MUNFORDYILLE OLIVE HILL OVENBOORO DAM 46 PADUCAH SCS NURSERY		-	-	-	-	-	-	-	-	-	-	.04	, 01	-01	.01	-	-	-	-	-	-	-	-	-	-	.06 - .01 .58
RUMSEY LOCK 2 ST MARYS COLLEGE		.16	.09	. 33	,11	.03		.04	.02									.22	.15				.65	.14	. 01	.62 .05 .49
SUMERSET HIWAY ORPT	,			, 01	.01			.01	. 06	. 02		.02	.01						. 01	. 01			,35	.02	.02	. 02 . 42 . 41 . 02
TATHAM SPRINGS TOMPKINSVILLE UNIONTOWN DAM 49 // WOLF CREEK DAM		.09	.17	. 03		.01	. 01			.03									. 03	.01	.10	.10 .05	. 05	.78	.02	1,02 ,46
WOODBURY LOCK 4					.01	. 07		. 02				_	-101	h-			. 01		. 02	.01		,13		. 02	.02	.16
ADDISON OAM 45 ADOLPHUS 1 N BARBOURVILLE WATER WES BATTER HARLAN WATER WES BEREA COLLEGE			.01	.06	.04	. 05	.02	.03	. 03	. 06	.13	.05	.02	, 09	.01	. 02	.09	.10		. 01		. 01				.48 .14 .45
BOWLING GREEN WB AP CARROLLTON LOCK 1 //		.01	.01	.01			. 01	.03	.06	.06 .01 .02	.05	.01	. 09	.04		. 01	. 01									.48 .14 .45 .35 .24 .07 .17 .31
CLEATON CONSTANTINE CORBIN DAYELLA OUNDEE BARRETTS FORD ER		.03	.01	.10	.43	.05	.09	.01	. 02	.10	.19	.02	.01			. 01										.51
EDMONTON FLEMINGSBURG POST OFF FORDS FERRY OAM 50 FRANKLIN WATER WORKS GEST LOCK 3		.01		.01			. 02	.16	. 02	.04	.02	.40	.33	.01	.01	. 01		.01								.08 .02 .95
GEST LOCK 3 HALEYS MILL HAZARD HEIDELBERG LOCK 14 //		.02 .18	.01 .13	.01	, 02	. 04	. 04	.10	.01	.06	. 02		.18	.09	.07		. 01									.95 .08 .45 .34 .12
HERNDON HODGENVILLE NAT PARK JENKINS WATER WORKS		.01 .04 .14	.01 .07 .01	.03	. 01	00			. 03	.08	.06	. 05	. 01		.07	.03										.32 .37 .10 .15
LIBERTY // LITTLE HICKMAN LOCK 8 // LOGLICK 1 8 LONDON POST OFFICE LOUISA LOCK 3		.23 .24	.01 .01 .02 .01	.02	.01	.02	.06	.03 .02 .03	. 07	.18	.09	.03 .30 .45	.05 .11 .45	.07 .02 .07	.02 .01 .02	.04		,03								.15 .13 .73 .09 .95 2.31
LOUISVILLE WB CITY		.04	.03	.01	.01	.01	.32	.23	.02 .19 .25	.09	.07	.07		.,	. 02	.14	.08	. 05								2.31 .04 .31 1.06
MADISONVILLE 1 SE MC KINNEYSBURG // MIOOLESBORO CITY HALL	1		-	-	-	-	-	-	-	.01	.01 .06	.06	.01	.05	-	.01		-	-	-	-	-	-	-	-	.77 .16 .09 .26

KENTUCKY MAY 1949

Station						A. N	M. Hou	r endi	ng									F. D	ı. nou	r endi	ng				_
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
LLERSBURG REHEAD STA TEACH COL MYSCRUYILLE FVE BILL MYSBORO DAN 46 KEVILLE		_	.01	.06	.04	.01	02	.01	.05 .01 -	.10	.04 .11 .02 .06	.05 .26 - .02 .06	.06 .42 - .18 .06	.02 .14	.02 - .03 .01	-	-	-	-	-	-	-	-	-	04
MSEY LOCK 2 MARYS COLLEGE LYPERSVILLE ITHFIELD 4 8 MERSET HUWAY DEPT EARNS THAN SPRINGS	//	.05	.03 .04 .02 .01	.05 .30 .01	.02	.04 .02 .02	.01	.02	.03	.02	.04	.04	.08	.01 .25	.82	.03	.01	.01							
MPKINSVILLE	11	.07 .01	.01			,02	.03	.02	.05	.07	.02	.01	-11	th-											
VENILLE VENILLE		.05	.02	.01	.01	.02							-14	th-											
VINGTON W B AIRPORT	6												-15	th–		•		•	•	.39	.26	•	•	•	•
NTON 1 SW RROLLTON LOCK 1 VINGTON W B AIRPORT NDER BARRETTS FORD BR	// // 6		.25												.16	.06		. 02	.10	.05		.14			
RDS FERRY DAM 50 IDELBERG LOCK 14 NFORDVILLE ENSBORD DAM 46 DUCAH SCS NURSERY MSEY LOCK 2	//											.03	.01	.01	.09	.06	.05	.11		.01		. 02			
														th-					.01		.01	L			
RBOURVILLE WATER WKS KTER HARLAN WATER WORKS REA COLLEGE YINGTON W B AIRPORT VELLA RDS FERRY DAM 50	6			•		•	*	.03	.01				1.01	.24			.01		. 02	.05	.0:				
VINDION W B AIRCONT VELLA RDS FERRY DAM 50 LEYS MILL ZARD IDELERG LOCK 14 WKINS WATER WORKS TILE HICKMAN LOCK S GLICK	//, //													.03	.01	.24		.01		. 01					
UISA LOCK 3 DDLESBORO CITY HALL LLESBURG REHEAD STA TEACH COL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.06	.01	.05	-	-	-	-	-	-
KEVILLE MERSET HIWAY DEPT IONTOWN DAM 49 LF CREEK DAM	//					٠	•		.02	2			-17	th-			.21	.04	.05						
NKINS WATER WORKS UISVILLE STAN WB AP													-19	)th-			.07	.02							
DISON DAM 45 REPORTILLE WATER WKS KYER HARLAN WATER WKS																	.02	.05	.01	L		.02	.05	.01	:1
DISON DAM 45 REQUESTIVE WATER WKS TYER HARLAN WATER WKS NYON 1 SW REA COLLEGE WYRAL CITY 1 E REIN MONTON ANKLIN WATER WORKS LEYS WILL LEYS WILL	6	-	-	-	-	-	-	-	-	-	-	-	-	.05	-	.01	1	.08				٠		.08	.2
LEYS WILL ZARD IDELBERG LOCK 14 IRHDON IDGENVILLE WAT PARK INKINS WATER WORKS	1/1												.0	5		.03	3				.0	,2:	.05	.00	.0
ONDON POST OFFICE IDDLESBORO CITY HALL	11	1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 02 - 26	-	1 .0	-	-	-	-	-
UNFORDVILLE EENBOORD DAM 46 ADDICAH SCS NURSERT T MARTS COLLEGE MITHFIELD 4 8 OMERSET HIWAY DEPT TEARNS													_0	.01 Oth-	ı .o-	ı		.0:	L	.1	0			.74	4 .0
DOLPHUS 1 N LARBOURYILLE WATER WKS LAXTER HARLAN WATER WKS	"		)2 20 .0 26 .0	01	13 .0	.0	.0	1 .0	1 .0	15			-2	Jin-					.2						
SERTON 1 SW SOWLING GREEN WB AP SOBBIN AVELLA ORDS FERRY DAM 50 FRANKLIN WATER WORES ERREDON ERKLINS WATER WORES	6	.:	19	•		٠	.0	4							.0	4	.15	.00	.1						.0
PRANKLIN WATER WORKS HERNDON JEWKINS WATER WORKS LEXINGTON WB AIRPORT		1:	32 .	02 13	.2	4 .0	04 .0	5 .0	2						.1					.2	1				

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MAY 1949

						Α 1	М Но	ır endi	ing									pi.	М Но	ur end	ing					7
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	O.	4	5	6	7	8	9	10	11	12	Tota
LIBERTY LOCICE 1 S LONION POST OFFICE LOUISYILLE STAN W B AP MADISONVILLE 1 SK MINTOKNY ILLE PARCHAI SES NUMBERY TATIAM SPRINGS WOLF CREEK OAM	//	. 04	.01	.03	.17	.03							-21	st-	.03	.07	.36	.02	.01	,10			.08			. 04 . 47 . 06 . 01 . 38 . 38 . 03 . 52 . 68
ADDISON OAM 45 ANDLESS OF THE SERVICE OF THE SERVIC	// // 6	.01	.01			.02	.14	.01	, 03	.17	.05	.02	.01	.01 .59	.55 .17	.01	.01	.01	•	•	.37	. 02	.26	.06	. 06	.03
LIBERTY COLLAS LOCK 8 LITTLE 1 COLLAS LOCK 9 LOTTOR FOST OFFICE LOUISA LOCK 1 L	" " " " "	-	-	-	-	-	. 02	-		.31	.01	.35 .05 - - .04 .01 .12	.20 .03 .23 - .04 .50 .18 .29	.26 .01 .50 .03	.01 .23	.44 .20 -	.01	.01	.19	.16	.01	-	-	.04	.02	.04 .04 .24 .23 .73 .05 .37 .40 .33 .45 .40 .27 .56 .06 .06 .05 .50 .50 .50 .50 .50 .50 .50 .50 .50
BARBOURVILLE WATER WES BERGA COLLEGE BOVILING GEREN WE AP COVENTOW W B AIRPORT OAVELLA EDWOHTON W B DESCRIPTION FLEMINGSBURG POST OFF FLEMINGSBURG POST OFF FLEMINGSBURG FORTO GEST LOCK 3 GEST LOCK 3 HALEYS WILL	6 6	.37	.05 * .01 .32 .02	.35	.34	.13 .55 .01 * * .26	.01 .39 .37 .10	.01 .06	.01 .01 .04 .04 .01	.01 .01	.01 .01	.23	-22	.01 .05	.03	.02		.01	.08			٠	٠			. 42 . 48 1.03 . 46 . 23 . 42 . 41 . 59 . 18 . 04 . 49 . 65
HOUSENVILLE NAT PARK JEKKINS ATTER MORES LEKINGTON WE AIRPORT LITTLE BICKMAN LOCK 8 LOCICK 1 S LONDON POST CEPICE LOUISA LOCK 3 LOUISA LOCK 3 LOUISYILLE STAN W B AP LUCKS LOUIS LOCK 3 LOUISYILLE WE CITY LUCKS	% %	.01	.08	.07 .20 .14 .07	.01	.01	.01	.01	.02	.01	. 04	.20 .08 .05	.04	.15	.15	.10			.52	,06	, 02					.01 .10 .69 .12 .96 .54 .35 .56 .85 .01 .01
MC KINNEYSBURG MIDDLESBORD CITY HALL MILLERSBURG MOREREAD STA TEACH COL MUNFORDYILLE OLIVE BILL PIEVILLE ST MARYS COLLEGE	11	.01	.01 .09 .05 .25 .23 .46	.01 .01 .22 .04 .08 .26	.04 .72 1.27 .01 .07 .28	.91 .01 .03 .05	.66	.01 .01 .11 .02	.02 .01 .01	.02 .01 .01 .02	.10	.05	.05	.07	,02	.01	, 02	.01	.05							.500 1.61 .11 .85 .12 1.58 .36 .20 .37 .48 .85 .35 .48 .37
ADDISON OAM 45	/ <sub>6</sub>	· Carlo de C	.03	1 m			!			.01	, 06	-	24t :02 :07 .06	h-	.03 .20 .12	.06	.01 .01 .07	.01	.01	.10	.01				.01	.01 .09 .35 .31 .25

KENTUCKY MAY 1949

Station							-	ır endi:							-					ır endi	_				
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
REA COLLEGE FLING GREEN WB AP RROLLTON LOCK 1 TRAL CITY 1 E	//	.03		.06	. 02							.01	.23 .03	.04	.02	.12	.06	.01	.01						
NTRAL CITY I B INTON NSTANTIME RBIN										.36	.11	.07	.04	.06	.01	.01			.56						
RBIN FINGTON W B AIRPORT FELLA FIDEE BARRETTS FORD BR	6		. 02					ľ			Ť				-	.21	.01	.10	.07	.04	.01	.19	. 04		
DEE BARRETTS FORD BR NONTON MINGSBURG POST OFF												.07	.10 1.06	1,21	.03	.08	.02	.01	.01	.01					
RDS FERRY DAM 50 ANELIN WATER WORKS BT LOCK 3									.01	. 09	. 07	.04	.04	.03	.07	.02	.16								
LEYS MILL	"								.01		.02	.07	. 08	.09	. 01	. 01	.17	.23	. 05					. 02	
DELHERG LOCK 14 UNDON GENVILLE NAT PARK	1/1										. 05	.05	.05	.15	.11	.06	.16		. 03						
KINS WATER WORKS INGTON WE AIRPORT		1												. 01	.40	.11	.05	.02 .07 .02	.15 .01	.04	.01				
ARRITY FILE HICKMAN LOCK 8 LLICK 1 S THOM POST OFFICE JISA LOCK 3 JISVILLE STAN W B AP JISVILLE WB CITY AS JISONVILLE 1 SE SOVILLE 1 SE SOVILLE 1 SE SOVILLE 1 SE SOVILLE 1 SE	1/1												.49	.01	.01	.20 .17	.04 .05	.03							
NDON POST OFFICE UISA LOCK 3		4											•	٠	.04		1.07	.08	*10	.20	. 02	.05	. 06	.02	
UISVILLE WE CITY													.34	.06	.02	.03	. 02								
KINNEYSBURG	1/1			.02	.01	-	-	-	-	-	_	-		1	-	-	-	-	-	-	-	- 1	-	-	
DDLESBORO CITY HALL LLESBURG REHEAD STA TEACH COL													. 12	.16	.01	.12	.01	.23	.01	.01					
NFORDVILLE IVE HILL												01	.17 .46 .07	.16 .04 .10	.05	.06		.01	.16						
ENSHORO DAM 46 DUCAH SCS NURSERY									. 02	.09	. 05	.01	. 05	.04		*									.63
MSEY LOCK 2 MARYS COLLEGE	//	1									.03	.05	.10	.06	.05 .09	.01	.02	.06	.11	.03	. 09	.02			
MERSET BIWAY DEPT	.,													.03	. 70	.21	.01 .06 .08	.06 .01 .06 .03		.01					
EARNS THAN SPRINGS MPKINSVILLE IONTOWN DAM 49 LF CREEK DAM ODBURY LOCK 4													.01	.01	. 05	.07	.01	.01							
IONTOWN DAM 49 LF CREEK DAM ODBURY LOCK 4	//									.03	. 12	.04	.03	.04	.01	.36	. 06	. 08							
												-	-25		•										
DISON DAM 45 RROLLTON LOCK 1 NTRAL CITY 1 E INTON	//																								.12 .02 .09 .01
																									.01
VELLA NODEE BARRETTS FORD BR											.01	.02	.04											.01	.06
RDS FERRY DAM 50 LEYS MILL NEINS WATER WORKS		.01	.01																			. 02	. 03	. 04	.03
UISA LOCK 3 IVE BILL ENSBORO DAM 46					.02	. 05																		.01	. 15
DUCAH SCS NURSERY MSEY LOCK 2 LYERSVILLE	11								. 02	.01	.01	.03	. 03	.01											.02
IONTOWN DAM 49	1/1											_	-26	th-											.25
DISON DAM 45	1/1	.01	. 04					. 09																	
OLPHUS 1 N RBOURVILLE WATER WES REA COLLEGE	//			0.1	.02								.13												
REA COLLEGE WILING GREEN WB AP RROLLTON LOCK 1 NTRAL CITY 1 E INTON	11	.07 .01 .04 .01	.01	,01																					
	6	.01	. 01										.10												
RBIN WINGTON W B AIRPORT NDEE BARRETTS FORD BR	6 6	. 13	.11	*		.01	*	.02	.14			. 05													
MONTON EMINGSBURG POST OFF PROS FERRY DAM 50 ANKLIN WATER WORKS			. 01	. 05	.01			.02	.01																
ANKLIN WATER WORKS LEYS MILL LZARD ERNDON	//	.17										.17	. 09	. 02	.01										
ERNDON DESCRIPTION		.05	.05		.01				. 02		.01	.01		. 08	. 02										
MINGTON WB AIRPORT	1/1		.01	.08	.01			. 01		,03	.03														
TILE BICKMAN LOCK 8 GLICK 1 S UISVILLE STAN W B AP	//	. 01	. 02	,						•		٠	. 05												
DISCHUTTIP 1 SP	//	.01	. 07	-	-	-	-	-	.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YSVILLE DAM 33 ENNEYSBURG DDLESBORO CITY HALL LLERSBURG	1/1	1	-	04	Ξ	1	-	=	Ξ	2	=	-	Ξ	-	Ξ	-	=	=	-	=	=	Ξ	=	=	=
LLERSBURG REHEAD STA TRACE COL MYORDVILLE ENSBORO DAM 46		.01	. 16	. 03		.04	. 01		-							. 04									
TENSBORO DAM 46 TENSBORO DAM 46 TENSBORO DAM 46 THEY LOCK 2 THARYS COLLEGE		.01	ı	L			. 01	.03	.01				. 02		.17	.01									
HADES COLLECT		. 01	. 10	. 01				.01		.04															

KENTUCKY

Table 4-Continued							110	/011	1.1.1	1 11	LEC.		ותו	.101	LA										MAY	1949
Station						Α	м Но	ur end	ing									P	м Но	ur end	ing					7
Dianos		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
SOMERSKY BIWAY DEPT STRAKNS TATRUM SPRINGS TOWPEINSY ILLE UN CONTOWN DAM 49 WOLF CLEAR DAM WOODBURY LOCK 4	//	.03	.05	,05				.01			.02		-27	7th~												.05 .06 .08 .10 .03 .12
DENTUR 1 SHE DUNDES BARRETTS FORD BR GEST LOCK 3 JENKINS WATER WORES LOUISVILLS STAN W B AP MILLENSBURG OWENSBURG DAM 46 PADUCAR SCS NURSERY		.01	.01				, 02		.01	. 07		.04	-28	th-	-									.01	.02	.08 .02 .03 .14 .02 .09 .03
CARROLLTON LOCK 1 MAYSVILLE DAM 33 SADIEVILLE WATER WORKS	%	-	-	-	-	.05	_	_	_	_		_	_	-	-	-	-	_	_	_	_	_	-		_	. 05
RENTON 1 SW BOWLING GREEN WB AP CONTRAL CITY 1 E CLIPTON WF COLLING WHITE FORES BEALTS MILL LOCAS BUSINEST RUMENT LOCK 2 WOODSTILL 1 SS BUSINESS WITH STATE FOR STATE WOODS WITH STATE FOR STATE WOODS WITH STATE		. 01	.03	. 02	.04	.01	.06	.02	.01		.03	.01 .03 .02	.02	.01		.01	.01	.39	.09 .0B	.01						.12 .13 .01 .15 .22 .08 .06 .47 .09 .08 .07
BAXTER HARLAN WATER WES BOWLING GREEN WB AP WIDDLESBORO CITY HALL TOMPKINSVILLE		.01	.32	.0B	.01													.20	.05	.09						.25 .42 .09

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# DAILY TEMPERATURES

KENTUCKY MAY 1949

SETTING MATERIAL STATE S	Station																Day	of mo	nth															rage
SECRETA DAM 39	Sindou .		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
SEMELYS BAYS    18	ANCHORAGE									77				75						87	87	85	85	75			20	70	74	72	75		85	79.2
SCHELES FILE MET AL 19 19 19 19 19 19 19 19 19 19 19 19 19	ASHLAND DAM 29	MAX	65	80	78	88	91	90	90	80	80		62	73	78	80	87	85	86	88	89	89	78	77	84	83	82	70	71	70	70	73		79.8
SCHELES FILE MET AL 19 19 19 19 19 19 19 19 19 19 19 19 19	SEAVER DAM	MAX	73	82	90	91	91	92	82	83	81	75	69	79	84	86	88	85	89	88	85	86			82	30	92	70		79	77	72	86	82.0
STATISHES STATES AS	BENHAM	MAX	75	80	76	88	93	94	90	80	92	89	74	64	75	78	82	81	81	83	87	87	81	85	81	79	77	71	66	70	71	77	82	80.3
SHELINE LIAL AL 187 6 9 1 20 5 20 5 20 5 20 5 20 5 20 5 20 5 20	BEREA COLLEGE	MAX	79	74	84	87	87	86	80	79	75	65	68	72 43	40 79 46	80	83	83	51 85 56	54 85 65	84	79	54 79 55	79	78	75	65	42 67 51	69	71	38 74 45	43 80 50	55 85 55	49.3 77.9 52.9
STATE PLANE MAY 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	BOWLING GREEN WB AP												71									85	81			74	70	72	73	79	80	75	85	80.6
STATEMENT ALLEY ALL SALES AND	BURGIN DIX DAM	MAX	78	77	88	91	92	90	85	82	76	73	70	76	82	85	86	85	87	87	86	84	83	78	79	78	68	70	72	74	75	83	87	80.
STATEMENT MATERIAL NATION ALTERNATION ALTE	CAMPSELLSVILLE	MAX	74	80		92	95	92	84	85	81	76	70	78	83	86	86	86	88	85	86	84	86	78	79	74	71	70	78	76	79	79	88	81.
ANTILLE 1	CORBIN	MAX	80	77	86	88	91	88	87	85	83	73	67	76	81	86	86	88	89	89	87	82	84	83	81	79	70	70	72	76	76	82	84	81
ALTHORNEY BALLS S. 18. 25. 25. 25. 26. 26. 26. 27. 27. 27. 28. 28. 28. 28. 28. 28. 28. 28. 28. 28	COVINGTON WB AIRPORT	MAX	75	76	86 56	90 58	90	88	70 52	78 45	68	66	70 38	76	78 53	84	83 55	85 60	85 60	84 63	84 64	65 52	74 50	73 58	75 53	68 49	65 38	61 45	66	69	72 44	76 50		76. 52.
TAMENTON LOCK 4  1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	DANVILLE		65		76	86		91		82	79	75	57		73		82	88	80	84	83	82	80	77	77	76	72	66	68		73	73	80	77.1
THE PRINTER TORK OF A LANGE OF A	FARMERS	MAX	72	81	78	86	90	90	89	79	82	74	59	73	75	82	85	85	85	88	65 88	62 85	77	79	54	79	43 78	50 69	66	72	70	50 74	79	79.0
REMEMBER LOCK 14    MIN	FORDS FERRY DAM 50	MAX	71		45 88	90		90	55 76	46 79	56 81	67	42 68	78	83	86	51 86	51 88	53 87	55 87	57 84	84	51 82	58 74	81	50 69	63	70	36 71	42 78	36 79	40 73	50 88	48.7
SELECTION S.	FRANKFORT LOCK 4	MAX			77	88	90	92		79		73	65	71	76	80	84	87		88	87	87	82	80		81	78		71		75			79.8
EXPLICATION 1.4    MAX   53   0.7   44   0.8   0	GREENVILLE 2 W	MAX	71	82	86	88	88	89	79		80	54 73 52	41 68 42	42 78 42	43 82 50	83	85	83	85	86	83	85	55 80 60	77	79	69	71	69	72	79 47	40 79	43 71 59	54 87 60	51.0 79.7 55.0
INTOMAN SETTLEMENT SCI. MAX. 48 49 54 87 87 88 80 52 15 15 15 16 80 17 18 80 18 18 18 18 18 18 18 18 18 18 18 18 18	HEIDELBERG LOCK 14		65		74	81	89	91	89		81	77	59	70	75	81	83	82	83	85	86	85	81	77	81	78	76	67	68	70	72	74	80	78.2
LIXEMAN STILLE STATE LAKE 74 6 77 78 80 87 80 80 70 76 77 80 80 80 77 80 80 80 77 80 80 80 77 80 80 80 77 80 80 80 77 80 80 80 87 80 80 87 80 80 87 80 80 87 80 80 87 80 80 87 80 80 87 80 80 87 80 80 87 80 80 87 80 80 87 80 80 87 80 80 87 80 80 87 80 80 80 87 80 80 87 80 80 80 80 80 80 80 80 80 80 80 80 80	BENDERSON 4 SW	MAX	70	80	86	88		91	79	81	78	58 61	67	77	43 81	84	84	51 85	86	53 86	84	82	80	77	79	71	72	69	72	77	77	72	86	79.0
ELINGTON WE AIRPORT  MAY  SET OF SET	HINDMAN SETTLEMENT SCH	MAX	74	61	76	87	89	92	90	87	86	80	67	67	76	80	84	87	87	86	61 87	61	59 86	62 81	56 84	58 83	80	51 69	45 69	70	49 76	58 72	60 84	54.5
ELINGTON WE AIRPORT  MAY  SET OF SET	HOPKINSVILLE 2 E	MAX	67	77	84	87	48 87	88	80	52 82	51 78	56 70	45 67		40 81	83	85	84	84	53 85	83		61 79	56 75	59 78	52 70	70	42 71	38 67	39 77	38 78	40 70	82	48.2 78.3
LEINGTON WE ALROYN WE ALRO	IRVINGTON	MAX	73	80	88	89	91	92	84	53 80 50	79	71	44 68 40	76	80	85	88	59 87	62 86	87	63 84	62 84 61	64 80 57	76	54 80	58 70 58	47	54 71 51	49		56 75 46	60 80 54	63 86	56.7 80.3 54.1
LAILMETON WE ALEXPORT  MAY 76 81 92 93 94 94 95 15 56 95 95 95 95 95 95 95 95 95 95 95 95 95	LE 1TCHF1ELD			80	88	89	90	90	82	81	80		72	78	82	85		85		86	85				81			71	72	78	78	80	85	80.6
OUISYILLE BE CITY  AND SOLVE STATE STAT	LEXINGTON WB AIRPORT		76		85 55	88	90	88	53	79 48	71 58	62	68	74	79	82	85	85	86	87	85	78	79 :	79	78	74	67	68	70	71	72	81	84	78.2
OUTSTILLE BE CITY  MAY 78 87 88 88 89 89 76 79 77 86 86 89 76 79 78 66 89 76 79 78 66 89 78 81 88 89 89 76 79 78 66 89 78 81 89 89 89 76 79 78 68 89 89 89 76 79 78 68 89 89 89 78 81 89 89 89 89 89 89 89 89 89 89 89 89 89	LOUISVILLE STAN WB AP	MAX	76	81	92	93	94	94	75 57	82	77	67	70		82	86	88	88	88	88	86	80	82	76	80	70	70	70	75	73	74	82	88	80.8
ALTHOLOGYPILLE 1 SE  MAX 68 71 82 87 89 90 90 82 81 78 86 82 82 78 90 90 82 81 81 82 83 80 80 90 80 82 81 78 86 83 87 88 88 87 88 88 87 88 88 87 88 88 87 88 88	LOUISVILLE WB CITY	MAX	74	79	87	89	89	89	76 57	79	76	68	69	76	81	84	85	85	85	86	84	75	80	75	79	70	70	67	73	71	75	82	88	78.9
AMFORD CAVE PARK  MAY SET 19 1	LOVELACEVILLE	MAX	73	83	88	90	90	90	82		78 60	66 54		81	81:	86	85	87	89	88 60	87	86	81	78	83	77	77	77	70	78	80	78 59	86	81.5 55.6
MAYSILLE DAM 33  MAX 70 81 86 87 86 89 85 82 78 62 69 79 81 85 84 85 87 86 89 87 87 87 87 87 88 88 88 88 88 88 88 88	MADISONVILLE 1 SE									78			66		80		86				87		86		75	81	69	74	70	74		78	72	79.7
MAYSILLE DAM 33  MAX 70 81 86 87 86 89 85 82 78 62 69 79 81 85 84 85 87 86 89 87 87 87 87 87 88 88 88 88 88 88 88 88	MAMMOTH CAVE PARK	MAX	66	72	79	87	89	90	90	82	84	82	62	70			85	85	85	86	86	85	85	81	79	80	72	70	70	72	77	76	77	79.4
ALDICESSORO   11   3   5   5   5   5   5   5   5   5   5	MATFIELD 2 S	MAX	70	81	86	87	88	89	85	82	78	62	69	79	81	85	84	86	87	87	86	86	80	78		78	74	76	70	40 78	79	52 78	59 84	80.5
LIGHLING STREATH STREAM	MAYSVILLE DAM 33	MAX	62	81	75	85	89	90	89	72	78	70	64	71	75	80	84	85	86	62 86	63 87	87	72	80	52 77	57 78	75	53 67	64	51 68	56 69	56 72	77	77.3
MOUNT STERLING  MAX  60  70  70  70  70  70  70  70  70  70	MIDDLESBORO	MAX	79	76	88	90	94	92	90	90	84	77	69	79	81	85	86	88	88	88	88	86	84	82	81	76	72	73	39 74	39 80	39 80	80	42 86	82.8
MATERIAL MAT	MOUNT STERLING	MAX	80	76	86	90	92	90	86	80	78	72	72	76	82	85	87	87	87	87		81	81			78		69				84	88	50.8
**************************************	MURRAY	MAX	56 69	59 82	53 88	55 90	90	91	84	50 80	62 82	51 66	40	44	49	50	56	57 88	57	62 88	65	61	54	60	53	57	40 75	50	41	50 80	44	50	57	53.6
THINGETON    ALTONOMO PROPERTY   ALTONOMO PROP	OWENSBORO	MIN	49 67	53 71	49 80	54 87	55 89	55 90	62 92	55 78	60 83	55 80	46 69	42 71	49 79	52 84	52 87	60	60	61	65	61	64	66	58	59	43	56	51	53	58	61	63	55.8
PRINCETON  MAX 64 75 80 91 49 87 82 82 82 82 82 82 82 82 82 82 82 82 82	PADUCAH NO 5 FIRE STA		58	48	54	57	58	57	61	52	60	54 79	41	43	51	43	56	56	61	62	64	61	59	65	52	52	44		42	47	50	57	60	54.0
PRINCETON  MAX 69 84 87 90 99 94 80 84 86 66 70 85 85 94 94 80 84 86 86 70 85 85 85 85 85 85 85 85 85 85 85 85 85	PIKEVILLE	MAX				91	94	93	87	87	82	68	70	77	81	85	87	89	88	89	88	82	86	86	82	83	71	70	72				87	
A CHARGED TRACEURS COL   4   1	PRINCETON	MAX	69	84	87	90	89	94			84	66		40				83															- 1	
USSELLVILLE	RICHMOND TEACHERS COL	MAX	66	79	75	85	87	85	85	51 79	79	76	68		72	80	82	58 83	84	85	59 86	63 84	63	65	50 79	57	46	51	67	49 69	53 69	59	60 80	54.1
CICINCE HILL    ALX   53   54   53   55   55   55   55   55	RUSSELLVILLE	MAX	65	70	80	89	91	92	92	84	60 85	52 89	40 62	40	45 80	55 85	54 87	54	53	87	62	59	54	59	52	55	41	48	37	45	41	48	55	51.5
CICINCE HILL    ALX   53   54   53   55   55   55   55   55	ST JOHN SETHLEHEM ACAD			55 72	55 77	57 85	58	59	62	55	62	53	45	45	52	55	61	61	65	66	67	64	64	65	56	62	47	52	46	53	54	62	62	57.3
COTTSYLLE	SCIENCE HILL	MAX	74	77	84	89	55 90	88	85	51 83	59 77	46 74	70	44 75	49 81	52	53	56 83	59	61	61 83	62 81	57 81	63 80	50	55 75	43 69	50 68	39 70	46	47	54 78	58 85	52.7 79.6
HELBUTILLE 2 W SAN 50 55 49 52 55 56 56 51 61 57 44 43 50 53 55 65 58 51 61 57 45 43 50 53 54 65 67 67 67 67 67 67 67 67 67 67 67 67 67	SCOTTSV1LLE	MAX	73	81	89	90	91			- 1										i											- 4	- 1		
TEST LIBERTY WATER WS.  ALTHOUGH PROPERTY MATER WS.  MIN 52 57 54 68 31 95 94 59 88 90 75 76 76 77 80 85 94 88 77 87 96 22 88 80 78 75 74 76 79 80 87 88 86 79 82 81 78 81 66 92 70 75 74 76 79 80 87 80 87 88 80 79 80 88 80 89 80 90 80 80 80 80 80 80 80 80 80 80 80 80 80	SHELBYVILLE 2 W	MIN	59 64	75	78	88	90	91	90	75	79	76	44 63	69	50 75	53	54 84	58 86	62	63 85	64	64	61	60	58	53	46	51	41	49	52	59	61	54.7
ILLIANSBURG  MAX 77 75 87 87 90 88 86 84 79 75 67 76 77 80 85 84 84 87 85 83 84 83 79 79 70 70 71 71 81 79 84 80.2  MIN 55 54 48 51 31 54 94 52 58 56 46 48 44 31 51 53 53 53 58 59 53 37 44 47 39 42 43 49 58 51.8  MIN 52 57 54 61 65 64 63 46 61 49 38 41 53 58 57 60 64 65 59 51 58 54 59 42 50 42 50 42 53 44 54 53 54.4  MOLF CREEK DAM  MAX 79 80 90 93 94 92 88 86 82 72 73 80 84 86 88 78 88 88 87 85 83 83 83 80 77 17 72 72 79 79 81 88 88.8	WEST LISERTY WATER WKS	MAX	53		50	51	56	56	57	47	51	51	39	39	43	51	54	57	57	59	62	58	53	55	51	53	39	41	39	40	41 75	46	51	50.2
TILLIAMSTOWN  MIN 52 57, 54 61 65 64 63 46 61, 49 38 41 53 51 55 57 60 60 64 65 59 51 58 54 59 42 50 42 53 44 54 53 54.  FOLE CREEK DAM  MAX 79 80 90 93 94 92 88 86 82 72 73 80 84 86 88 77 85 88 88 87 85 83 83 80 77 17 172 72 79 79 81 88 88.8	VILLIAMSBURG	MAX										75		76	77	80	85	84	84	87	85	83	84	83	79	79	70	70	71	71	81	79	84	80.2
OLF CREEK DAM MAX 79 80 90 93 94 92 88 86 82 72 73 80 84 86 88 87 88 88 87 85 83 83 80 77 71 72 72 79 79 81 88 82.8	WILLIAMSTOWN	MAX						- }											- 1	- 1						-11				)		49	**	51.5
MIN 60 50 47 52 54 55 56 53 61 55 46 48 47 51 53 56 57 56 60 62 60 62 52 52 47 46 42 46 48 53 62 53 2	WOLF CREEK DAM	MAX	1	80 50	90	93 52		92	88	86	82	72	73	80	84	86	88	87	88	88	87	85	83	83					1	_		81	88	82.8

# EVAPORATION AND WIND MOVEMENT

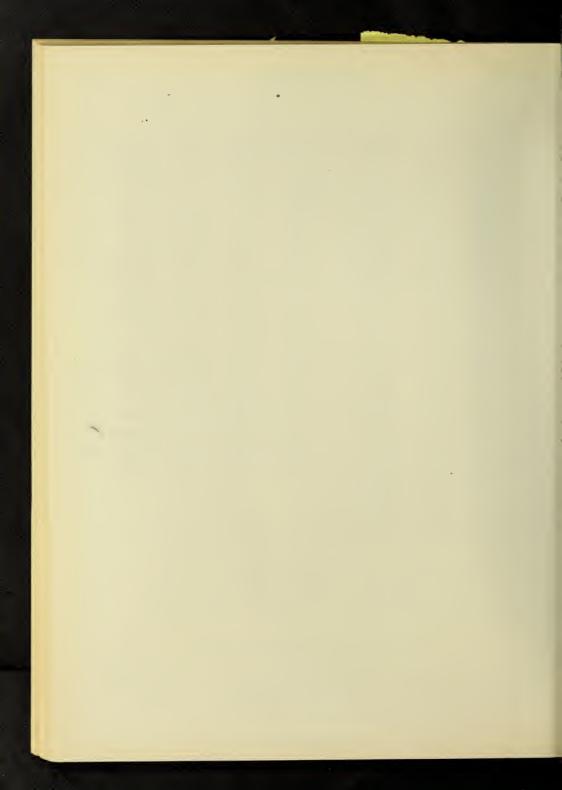
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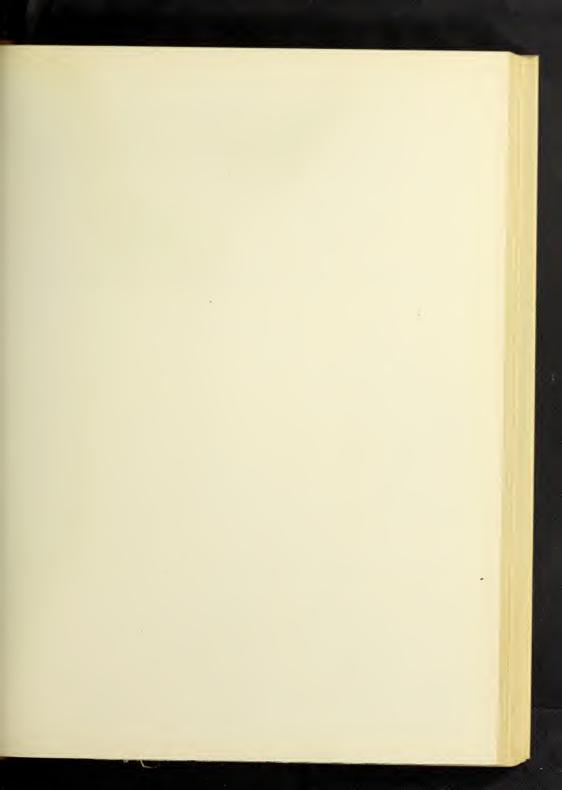
Tuble 0																																		
Station																Day	of m	onth															-	thur.
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota	Pop tron
BURGIN OIX OAM	EVAP WIND	.450 19	.150	.190	.220	.220	.230	.260	.180	.090	. 280	.050	.140	.170	.170	.200		.120	.180	.210	. 210 24	.150		.250	.170	.090	.200 10			.210	.190	.190	5.920 312	
NOLP CREEK DAM	EVAP		.120		.210	.220	.240 23	.240	:	-460 37	.140 27	.140	.160 11	.200 15	.200	.250	.190	.130	.210 22	.300	.230	.220 14	.220 66	.250	. 190	.090	.230	.180 30	.150	.210	.220	.180	5.960	

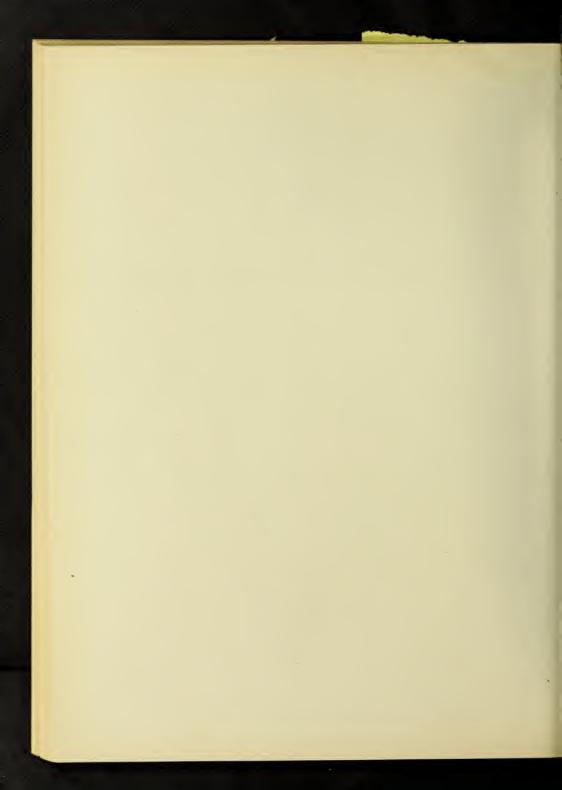
	_		1	_	_	Ot	3996						n	-	-	_	Ob	perf	-	
Station	Index No.	County	Dramage:	Lonontude	Elevation		Precip em	Observer	Refer to tables	Station	Index No.	County	Drainage:	Latitude	Longritude	Elevation	Temp. dwell			Refer to tebles
ALVISOR DAW 43 ADOLFHUS I W ALLEN AN PRIMAGE ASSR AMP	0043	BRECSINGIDOS ALLEN FLOYD JEFFERSON PIRM	7 37 3 38 1 37 7 3K 1 37	15 82 15 83	18 800 43 E50	79	RA 7P	CORPM OF ENGINEERS IDELL W DEAVING HAWKIM AUKIMS C E BARNET MANY S EATLIFF	3 4 3 4 3 2 3 6	LOGLICE IS LOWDON POST OFFICE LOUISA LOCE 3 LOUISVILLE NOWMAN FIRLE LOUISVILLE NOWMAN FIRLE	4943 4943	CLAWE LAUREL LAWRENCE JMFFERBOR JSFFERMOW	3 1 7	37 81 37 08 38 07 38 13 38 11	H4 02	1350 884 0 558	MID	KA MRS S NUNGHEM SA E W MC WANNER 7A MUWRELL 7 WHEELES MID US WEATHEM BUREAL MID US WEATHEM BUREAL MID US WEATHEM BUREAL		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
ARREADD DAM EV DAMENCUMYTILLE SATER WES EAMESTOWN MASS 3 NW BAXYER MARLAN WATER WES	04316 0450	SNOX NMLSON TAYLOR HARLAN	3 36 1	2 #3 19 65 8 85 11 #3	13 1000 18 637 10	77	7A 7A 7A	CORPS OF MNGIMENS JOHN M WMARTON MRS POPE \$18CO CLAUDM CAVE & S KS.F CYRUE S LAYSOW	2 3 8 3 4 2 CLOSED 3 4	TODISAIFTE AS CILA FORETWEATHFE AS CILA FORETWEATHFE AS CILA	4958 4067 5002	JEFFERROW JMFFERROW RAILARD RANKEN ROPSINS	8 3	3H 17 38 15 28 56 38 83 37 30	88 30 86 01	457 4711	7 A 69	OA US REGIVESUS 7A UN WRATHER HUTLAY 6P BLAINE MALONE MA CECIL H SRITT 8A SMASHES C BACON	2	3 5
BEAVER DAN BENELAN BENEUN MENER COLLEGE BEREA WATER WORKS	0811	OHIO MARLAN MAMSHALL MAGISON MAGISON	3 36 3 8 36 3	15 WG 18 82 11 WM 14 W4 14 84	7 15M0 12 3W0	6P HA	BA HA	8 O YOUNG C C WHITEAREN EMMTON WATER WORKS JAMES A GROSSMAN MRS L E GAFFARD	2 3 3 3 3 3 3 4 2 3 4 5 3	MADISONVILLE I SM MAMMOTH CAVE PAMS MANCRESTER MAYFIELD SUBSTA MAYFIELD 3 M	5097 8110 5230	HOPEITR MIMORSON CLAY GRAYES GRAYES	3 4 8	37 19 37 11 37 09 36 44 38 42	83 46 83 35	800 450 364	8A 7A SP	7A J W MC COY SA GRANVILLE S LILES 7A EARL NOWARD TVA 5P MERS JOK PAYOR	2 2 2	5 5 K 8 8
BOSTOR S ST BOWLING GWENT BOWLING GREEN SUBSTA BOWLING GREET WB AP BRENT GAM 36	0904 0907	NKLSON WARREN WARREN WARREN CAMPUELL	3 37 E	6 M5 8 88 1 88 M 86 G E4	16 538 16 470 16 535	TA	7A	MRS PAULENE COT JAMES & EDWARDS TYA US WEATHER BUREAU COMPS OF ENGINEERS	3 3 3 2 3 4 5	MATSVILLM DAM 33 MC MINNEYSBURG MIDDLESBORG MIDDLESBORG CITY HALL MIDWAY 2 S	3301 5389 5394	MASOW PSNDSLTON BELL BELL WOODFORD	2 3	38 38 56 36 36 38 38 07	84 IO 83 43 83 44	610 1128 1150	6P 3P	6A CORPS OF SWGIBERS TA AMANDA A AULICK SP ROGH ALLEN MID CITY OF MIDDLESDO WA JOHN B NUGFR;		4 5
BROWNSWILLE LOCK 6 SURGIW DIX DAM WUMNSIDM CADIS LOCS 8 CAMPBELLSYIELE	1127 1158 1206 1256	EDWONSON MESICER PULASEI TEIGG TAYLOR		N K4 -	77D 7 703	4P 6P	7A	CORPS OF ENGINEERS C W WILLIAMS SARAH S LEWIS COMPS OF ENGINEERS ALVA MC EINLEY	2 3 5 8 3 3 2 3 3	WILLERSHUNG WILLERSTOWN MONTICELLO WORKHEAD SYA TEACH COL MOUNT STERLING	5438 5524 3555	BOURDON GNAYSON WAYNE WOWAN MONTGOMER?		38 18 37 27 36 50 38 11 38 03	84 06 86 03 84 51 83 28 83 57	580 910	39	8A MRS AWY L POTTS 8A MRS O M LAWLEW 7A E O COOPEN 8A H C MAGGAN 5P FWED CARTWILL	2	
CARROLLTON LOCS I CHMTRAL CITY WATER WES CLINTON COLLEGE SILL LOCS II COLUMNIA	1429 1631 1704 1723	CARPOLL NUBLEMBERG BICKMAN MADISON ADAIK	4 38 4 3 37 1 8 36 4 4 37 4 3 37 0	9 87 I 89 7 84 6 85	7 440 6 8 729		MID WID SA	CORPS OF ENGINEERS CEN CITY WATSW WGS WOODSON D FRANKLIN CORPS OF ENGINEERS MUS RAZEL S PICKETT	3 4 3 4 3 4 3 3	HUNFORDVILLE HURRAY OLIVE HILL OLNEY ONEONTA DAM 35	6012	HART CALLOWAY CARTER HOPKINS CAMPBELL	7 7	37 18 36 36 38 18 37 13 38 58	88 20 83 11 87 47	752 380	69	7A SAM CRADDOCK 6P MURRAY WATEN STST 8A MRS W F FULTZ JR 8A ART D WILLIAMS 7A CORPS OF ENGINEER		4 3
CONSTANTING CORRIS WATES WOMES COVINCTON WE AIRPORT CYNTEIANA	1801 1806 1855 1998	BRECKINKINGE WHITLET WHITLET EENTOW SARBISON	2 36 5 2 36 5 7 39 6 5 38 2	7 84 1 7 84 1 4 84 3 3 84	6 1178 6 1070 0 869		7A MID 7A	MRS GLENNIS L STARP US WEATHER BUREAU CORBIN WATER WOWES US WEATHER BUREAU MARSRALL SILL	3 4 5 3 4 5 3 2 3 5 3 5	OWENSBOMO OWENSHOWO DAM 46 PADUCAH 30 5 FIRE STA PADUCAH SCS MURSERY PADUCAH TWA	6096 6115 6117	DAVIESS DAVIESS MC CRACKEN MC CRACKEN MC CRACKEN	7 7 7	37 48 37 47 37 05 37 04 37 03	87 08 88 37 88 35	404	3P	7A VIRGIL P CLARE 7A CORPS OF ENGINEER 8A CAPTAIN FF WILLIA 7A SOIL CONSERV SERV SOIL COSSERV SERV	MS 2	1 4
DANFILLE DAVELLA DELPEIA DEMA DUNDME BARRETTS FORD BE	2053 2131 2139 2358	OBIO CONT	4 37 5 1 37 4 4 37 6 1 37 2 3 37 3	8 82 : 2 63 ( 5 E2	7 1200	69	BA SA	M P COLDIEON RERYHA DE LONG FARIS CRESS RATTIE E BARNET J L HUFF	2 3 5 3 4 3 3 3	PAINTSVILLE PIEEVILLE PINEVILLE PLEASUREVILLE PRINCETON	6353 6384 6435		4	36 45 38 20	82 48 82 31 83 42 85 07 87 53	999	2A 5P	7A JESSE FAIRCHILD 2A US WEATHER BUREAU 7A F PARTIW 6A S B MOMEGAN 5P ALTON M HARVILL	2	4 5
DUMMOR DUMY ILLE EDMONTON ELIZABETHTOWN WATER WES	2374 2445 2469	LYOS METCALET	3 37 0 3 37 1 2 37 0 3 37 0 3 37 4	3 85 0 0 85	8 6 420		7A 7A 7A	W D GIVENS LINNIE D YARTER THOMAS SMITH JOHN 8 MORAN BUD B JONES	3 3 3 3 4 3	BAVEHNA LOCK 12 RICHMOND TEACHERS COL EUMSSY LOCK 3 EDSSMILVILLE RUSSELLVILLE SUESTA	6805 7039 7049	SSTILL MADISON MC LEAN LOGAN LOGAN	3 3		84 18	1000 384 590	7A 7A	7A CORPS OF SNGINEES 7A EASTERN TEACHERS 6A CORPS OF ENGINEER 7A DR S S MC REYNOLD TVA	CO 3	5 4 5
FALMOUTS FARMERS FLEMINGSBURG FLEMINGSBURG FORD LOCK 10	2791	FLEWING FLEWING	5 38 4 5 38 0 5 38 2 5 38 2 4 37 5	9 83 3 5 83 4	3 668 3 870 4 750	40	7A 7A	JESSIE OLDSAM MOUS C C STAMPER BYRON F FLEMING MAURICE O CARPSNTEE CORPS OF ENGINEERS	2 3 5 3 3 3 4	SADIEVILLE WATER WORKS ST JOHN BETHLEHEM ACAD ST MARY SALVISA LOCK 6 SALVERSVILLE	7096	SCOTT BARDIS MARION MERCER MAGGEFIN	8 8	38 23 37 42 37 55 37 56 37 45	85 59 85 21 84 49	777 730 520	4P	7A E W WULBERRY 7A SISTER S M GSELL MID ST MARY COLLEGE 7A CORPS OF BNGINEER 7A J M MAY	2	4
FORDS FERRY DAM SO FRANKFORT LOCK 4 FRANKLIP WATER WORKS FRANKLIPURG , SW GEORGETOWN KATER WORKS	302E 3036 3052	CRITTENDER FRANKLIN SIMPSOF MENIFEE SCOTT	7 37 2 4 38 1 3 36 4 5 37 5 4 38 1	3 84 5 3 86 5 7 83	2 504 4 691	4P 4P	6A 7A 8A	CORPS OF SMGINEERS CORPS OF SMGINEERS HERMAN O NEAL C JEROME HIBRONYMUS JOE W ATKINS	2 3 4 5 2 3 5 3 4 3 3	SCIENCE HILL SCOTTSVILLE SEBRRE WATER WORKS SHELBIVILLE 2 W SHEPHERDSVILLE	7215 7234 7324	PULASEI ALLEN WEBSTER SHELBY BULLITT	3 8	37 11 36 45 37 36 38 13 37 59	86 12 87 32 85 16	770 360 825	6P 6P	GP WILLIAM B DOBBS GP NOBLE ALLEN SP SEBREE WATER WORE SA WILLA S A RATTA 7A CONRAD MARAMAN	2 3 2 3 5 2 3	5 5
GEST LOCK 3 GLASGOW GRANT DAM 38 GRAYSOW	3280 3358	BARREN BARDIN	4 38 2 3 37 0 7 37 5 7 38 5 7 38 1	0 85 4 4 85 3 9 84 4	0 780 8 9 506		7A MID	CORPS OF ENGINEERS OSA L FOLLIS US AIR PORCE CORPS OF ENGINEERS SHIRLET I STATES	3 4 3 3 4 3 3	SMITHFIELD 4 S SOMERSET SIWAY DEPT SPRINGFIELD STEARNS STILLWATER	7604	HENRY PULASKI WASBINGTON MC CREARY WOLFE	8 2	36 42	84 35 85 14	873 738 1420		7A F W SIMPSON 7A L E SUTHERLAND 8A JOHN P SLDER 8A C E CBITWOOD 8A MHS S E SOLLAND		
GREENSBURG GREENSBURG SIWAY 61 BR GREENVILLE 2 W MALETS MILL			3 37 1 3 37 1 7 38 3 3 37 1 3 37 0	5 85 3 7 82 5	0 1 540 2 519	SP SP	7A 7A	MES MELL M LINGLE ELENMETH STOTTS COMPS OF EMGINEERS C R LOVELL CLEATUS 8 SRINKLET	2 3 5 3 3 2 3 5 3 4	SUMMER SHADE SURSTA TATHAN SPRINGS TATIONSVILLE TOMPHINSVILLE TOMPHINSVILLE TEL OFF	7924 7948 8060	METCALFE WASHINGTON SPENCER MONROE MONROE	8 8	36 53 37 52 38 02 36 42 36 43	85 09 85 21	489		TYA  7A R C OEDMAN  7A MRS EATHRYN B CAR BID JAMES Y PHILPOTT  7A MRS ALICE B RALE	R 3	4
HARTFORD 6 N HAZAND HEADQUARTERS HEIDELBERG LOCK 14 HENDERSOM 4 SW		PERRY NICHOLAS	3 37 3 4 37 1 5 38 2 4 37 3 7 37 4	5 83 1 4 84 0 3 83 4	7 800 6 663	4P 6P	7A 7A 6A	W R CARSON SR H A HAILET L M GAFFIN CORPS OF ENGINEERS FRANE STREET	3 4 2 3 5 2 3 4 5 2 3 4 5 2 3 5	TURKEY CREEK SCHOOL TYROKE LOCM 5 UNIONTOWN DAM 49 VALLEY YIEW LOCK 9 VANCEBURG DAM 32	8144 8179 8197 8246 8259	ANDERSOS UNION CLAY	4 7 4	36 45 38 02 37 46 37 51 38 38	84 51 87 57 84 26	357 571		TVA TA CORPS OF SNGINEER 6A CORPS OF SNGINEER 7A CORPS OF SNGINEER 7A CORPS OF ENGINEER	S 2	4
BICKSVILLE HIGS BRIDGE LOCK 7 SINDMAN SETTLEMENT SCH BOGGENVILLE NAT PARK	3821 :	CENISTIAN LAWRENCE JESSAMINE ENOTT LARGE	2 36 4 6 38 4 4 37 4 4 37 2 3 37 3	8 88 3	0 440	84	6A BA	C W KEATTS TVA CORPS OF ENGINEERS ELIZABETH WATTS C C SELF	3 4 3 3 2 3 5 3 4	WATNESBURG 6 E WEST LIBERTY WATER WES WILLIAMSBURG WILLIAMSTOWN WILLOW LOCK 13	8551	LINCOLN MORGAN WHITLEY GRANT LEE	5 2 5	37 22 37 55 36 44 38 38 37 36	83 15 84 10 84 34	939 943	6P 6P	7A FRANK BOSCK 7A JOHN W TURNER 7A CHARLES 8 WEST 7A MISS N 8 SIMPSOW 7A CORPS OF EMGINEER	2 3 2 3 2 3 2 3	5 5 5
BOPEINSVILLE 2 E BTOEN IN: INGTOM JACKSON JENEINS MATER WORKS	4093 4165 4196	CHRISTIAN LESLIE BRECKERRIDGE BREATEITT LETCHEK	2 36 5 4 37 1 3 37 5 4 37 3 1 37 1	0 83 2 3 86 1 3 83 2	2 850 7 646	7P 7P	7P 7A	MES BORDET CAMBRELL	2 3 3 3 2 3 5 3 4	WOLF CREEK DAM WOODSURY LOCK 4		EUS SELL BUTLER		36 53 37 11		610 504	MID	SA FRANE L BLOODWORT 7A CORPS OF SNGINEER	B 2 3	4 5 6
JEREMIAH EERRE 2 H EENTUCEY DAM LUNCASTER ICE PLANT LAURA	4369 4414 4620	LETCHER JESSANINE LIVINGSTON GARRARD MARTIN	4 37 3	8 84 3 1 88 1	5 1082		7A 7A 8A	MES SUSAN F ISON MARIOW W MAHIN TENN YALLEY AUTH MENTUCKY UTIL CO JAMES A FIELD	3 3 3 4 3 3											
LEITCHFIELD LENINGTON WB AIRPORT LIBERTY LITTLE MICEMAN LOCE 8 LOCEPORT LOCK 2	4746 4755 4825	GRATSON FAYETTE CASEY JESSANINE BENEY	3 37 2 4 38 0 3 37 2 4 37 4 4 38 2	84		¥10	811 7A 7A	GEORGE D LITSET OS WEATHER RUREAD PALLIA L HANKLA CORPS OF ENGINEERS CORPS OF ENGINEERS	2 3 5 2 3 4 5 3 4 3 4 3 7											

\$ - DRAINAGE BASINS

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U. S. DEPARTMENT OF COMMERCE CHARLES SAWYER, Secretary WEATHER BUREAU

Mat. Wist J.

F. W. REICHELDERFER, Chief

OCT 1 2 1949

# CLIMATOLOGICAL DATA

KENTUCKY

**JUNE 1949** Volume XLIV No. 6



#### KENTUCKY- JUNE 1949

O. K. Anderson, Section Director - Louisville

#### GENERAL SUMMARY

Above normal temperatures of May continued into June with the first week being unseasonably warm. The daily maximum readings were in the upper 80's and low 90's with the weekly average 5 degrees above the seasonal level. Cool weather prevailed for the next three days but a southerly flow of warm air brought temperatures above the normal for the balance of the week. The average temperature for the next seven days was below normal with cool weather during the rainfall period of June 15 to 17. Temperatures then began rising and remained above normal for the rest of the month.

Precipitation, for the State as a whole, increased and consisted mainly of local showers and thunderstorms. The total rainfall during this month has been exceeded but five times in June. The amount
varied rather widely over the State. The heaviest rainfall was in the central section where amounts
in excess of 12 inches were reported. In the eastern counties, however, as little as one inch was
recorded. Precipitation was confined to scattered showers in the southwest and central areas in the
first week, with the average much below normal. The next seven days saw adequate showers over most of
the State except in the east-central portion. The week ending June 21 was marked by precipitation much
above the seasonal normal for the western two-thirds, with only a few June weeks of record reporting
heavier falls. Only the eastern third of the State reported near normal rainfall. Above normal
precipitation continued for the balance of the month except in the east which again reported less than
the seasonal average.

The warm dry weather of the first week permitted general farming activities with good progress reported. Corn planting and tobacco transplanting were hampered somewhat because of dry soil. Some tobacco fields were harrowed under and reset. Fall grains were in generally good condition with spring grains fair but showing lack of moisture. Minor crops and fruits were good but needed rain. Growth and development of crops was slightly below normal during the next seven days due to lack of moisture. Showers fell, however, in the last half, easing the situation. Corn planting was virtually completed, with tobacco transplanting nearing completion. The condition of tobacco was generally fair. Grains ripened and rye and barley were harvested in the southern half of the State. Gardens and potatoes were only fair to good, pastures and legumes generally short. The rainfall of the week ending June 21 was heavy with some sections receiving an excess resulting in flooding of lowlands and some washing of hill lands in the central section. Temperatures were favorable for crop growth and development. Ripening of grains was becoming general but harvesting was delayed because of rain and wet soil with some damage to wheat and barley heads due to heavy rains. Truck crops, legumes, and grasses improved with the precipitation. Indications were that benefits from the rainfall outweighed the damage from the areas where washing and flooding occurred. The warm humid condition of the balance of the month was favorable for the growth of most crops but farm work was retarded by wet soil. Principal farm entivities were harvesting of wheat, barley and oats, and field cultivation. Minor crops were generally good.

Lightning killed one person during a heavy electric and rain storm near Horse Cave. In the east end of Louisville, a funnel shaped cloud was observed to dip twice without touching the ground and then dissipated aloft. No damage was reported.

#### TEMPERATURE

The mean temperature for the State was  $74.8^{\circ}$ , which is  $0.9^{\circ}$  above normal for the month. The monthly mean temperatures ranged from  $77.1^{\circ}$  at Russellville to  $72.6^{\circ}$  at Heidelberg Lock 14. The highest temperature recorded in the State was  $97^{\circ}$  at Berea on the 11th and at Mt. Sterling, on the 28th and 29th, and the lowest  $40^{\circ}$  at Hindman on the 9th.

## PRECIPITATION

The average precipitation for the State was 5.52 inches, which is 1.34 inches above normal for June. The total amounts recorded at various stations ranged from 12.04 inches at St. John to 1.00 inch at Farmers. The heaviest rainfall reported in any one day was 6.90 inches at Tompkinsville on the 15th.

#### ACKNOWLEDGMENT

In addition to the climatological data from some 5,000 Weather Bureau and cooperative weather stations, this builtetin series contains records from Biydroclimatic Network Stations which were formerly reproduced in the Biydrologic Bulletin Series. The Bydroclimatic Network is a maintenance of the companion of the recording the series of the recording type in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing preceptiation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of August 1949 and 19

 $\$25,000\,$  per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Bydrologic Bulletins) which were insued monthly for each of 8 drainage areas eshwacing the entire United States, but since the Network was established experience to the state of the Series and the Province of the Series and the Province of the Series and the Series are such as the Series are such as the Series are such as the Series are available for inspection may be obtained upon application to Chief, U.S. Veather Bureau, Washington 25, D.C.

Many other records published in this hulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

# PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

KERTUCKY

	Sea le	el pressure	extremes_in	chee		Wind spec	d-m.ph		Relativ	<ul> <li>humidity</li> </ul>	averages	percent	Sunshine	
Station	Highest	Dete	Lowert	Date	Average	Maximum	Direction of maximum	Dete of maximum	1:30 a. E.S.T.	7:30 a E.S.T	1:30 p. E.S.T.	7:30 p. E. S. T.	Percent of possible	Degree days
EXINGTON AIRPORT DUISVILLE AIRPORT	30.28 30.24	10 10	29.74 29.69	24 24	8.1 6.2	38	- 8	24	82 84	79 84	56 58	65 63	67	1 0

## Tab

## COMPARATIVE DATA

ole 1								001	II AI	IMII	VE L	MIA								
	1	Temperat	ure	P	recipitati	ion		1	lemperati	TLe	F	recipitati	ion		1	emperati	rie		Precipitat	on
foaz	Average	Highest	Lowest	Average	Average	No. of days	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highert	Lowest	Average	Average	No. of days Ol or more
900112233 445667788 99011233	70.6 78.4 77.1 75.8 73.3 75.6 75.9 73.5 73.4 76.2 76.1 73.4 68.6 73.2 74.8 73.9 70.2 73.4	99 101 97 102 104 98 101 100 100 104 101 96 99 106 99 95 102	38 511 511 488 48 35 47 46 411 45 44 40 42 39 37 48 45 42 41 43 43 36 45	5.27 4.96 4.48 4.23 4.64 2.69 3.63 4.64 3.61 3.90 2.80 6.14 4.75 3.61 3.91 4.75 3.61 4.75 3.61 4.75 4.75 3.61 4.75 4.75 4.75 4.75 4.75 4.75 4.75 4.75	000000000000000000000000000000000000000		1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931	70.2 75.0 78.3 71.7 70.1 70.9 73.6 76.7 71.9 77.8 75.4 73.8 74.2 77.0 70.4 69.5 71.7 73.1 75.3 74.8 75.4	95 107 108 95 99 100 104 103 100 100 99 105 98 93 97 104 106	38 38 45 42 45 39 37 51 44 46 44 42 42 45 37 38 39 40 39 50	3.48 2.87 2.30 4.79 4.94 4.30 3.63 4.00 3.12 2.90 3.10 4.39 3.93 3.45 4.11 1.76 2.80 4.88 4.88 4.88 4.58	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 7 5 12 11 10 8 10 7 8 9 9 12 7 8 8 11 18 9 6 8	1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1949 PERIOD	70.5 76.1 74.3 71.8 75.1 73.1 74.7 77.5 77.6 71.6 73.1 72.0 73.8 74.8 74.8	96 110 99 95 97 100 103 98 100 107 98 98 98 99 97	44 40 46 45 47 44 41 41 46 40 37 38 40 37 40	7.50 0.81 4.52 3.93 6.01 3.39 4.67 5.54 4.04 1.70 5.32 4.16 4.73 3.35 5.52	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 3 10 10 11 11 11 11 11 12 10 6 11 8 10 9 12
														1						

## REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state hasis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwiss indicated, dimensional units used in this bulletin are: Temperatures in 'P, precipitation and evaporation in inches, and wind movement in miles. Evaporation is nesured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, despoint values below 32°P, and relative bunidity values at temperatures below 32°P. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hefore and after January 1, 1949, cannot accurately be combined without mercessary conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Tabls 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, and 6 are for the 24 hours ending at time of observation. See the

- No record.

  And also on later dates,
  Anount included in following measurement, time distribution unknown.

  The property of the desired of the desired of the desired of later dates,
  Adjusted to a full month,
  Water equivalent of snowfall wholly or partly estimated, using a
  ratio of later water quivalent to every 10 inches of new mnorfall,
  Station equipped with recording age only 10 inches of new mnorfall,
  Station equipped with recording age only
  Station equipped with recording age only
  Storage precipitation station. Precipitation measurements, made at
  publication.
  Trace, an amount too small to measure.

  Encludes total for previous month.

  Encludes total for previous month.

  In Table dates from a recording gage at the same site may be found
  in Table dates from a recording gage at the same site may be found

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KENTUCKY JUNE 1949

Table 2			1	Temperat	nte							1	Precipitation	on.				
							No. of	days		_			Snow	, Sloet, Ha	ıı)	No	of day	•
Station	Average	Departure from normal	Highert	Date	Lowest	Date	Max. 90° or above	Min, 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
WESTERN DIVISION																		
FORDS FERRY DAM 5 GREENVILLE 2 W BENDERSON 4 SW BOPKINSVILLE 2 E LOVELACEVILLE	75.4 74.9H 75.9 74.7 76.5	0.6 - 0.8 - 0.7 0.7	93 93 93 95 94	28 28 3 29 28	58 53 59 58 56	8 6 6 6	8 0 6 4 13	0 0 0 0	5.09 7.27 3.80 7.63 3.03	1.60 2.76 .08 3.34 - 1.43	.91 1.78 .93 1.75	22 15 17 15 13	0 0 0	0 0 0 0		15 13 15 11 10	8 7 5 8 7	0 3 0 3 0
MADISONVILLE 1 SE MAYPIELD 2 S MURRAY OWENSBORO PRINCETON	75.9 74.8 76.3 76.2 74.7	- 0.7 1.0 2.0 - 0.9	95 94 94 96 92	29 29 26 4 28	52 54 57 56 52	6 16 17 9 6	8 7 13 16 5	0 0 0	6.47 3.62 6.42 6.59 6.66	11 2.39 2.65 2.64	1.30 .80 2.18 1.87 1.81	19 24 18 17 27	0 0 0 0	0 0 0 0		13 13 11 14 13	10 7 8 9 10	3 0 1 1 2
RUSSELLVILLE	77.1	2.3	96	7	55	6	13	0	9.39	5.94	2.60	16	٥	0		13	10	1
DIVISION	75.7	0.4							6.00	1.99								
CENTRAL DIVISION ANCHORAGE BOBLING GREEN WB AP BURGIN DIX DAM CAMPRELLSVILLE COVINCTON W B AIRPORT	73.4 75.8 75.6 75.2 74.6	1.2 - 0.3 0.9	92 95 94 94 95	4 4 24 30 28	49 55 52 53 49	9 6 6 9	3 11 8 10 8	0 0 0	6.17 6.72 5.94 8.74 5.30	2.33 2.88 1.49	1.82 2.50 3.77 3.46 1.92	15 14 16 16 24	0 0 0 0	0 0 0 0		15 16 9 11 13	7 7 5 6 7	2 2 1 2 1
DANYILLE FRANKPORT LOCK 4 GREENSBURG IRV INCTON LE ITCHF IELD	74.3 75.2 74.6 74.8 74.3	1.8 1.4 1.2 0.7 0.8	93 95 92 95 93	29 5 25 4 4	52 51 •55 52 52	9 9 9 6 6	4 10 7 9	0 0 0	8,83 6,62 9,50 6,52 6,06	4.65 2.65 5.03 2.43 1.89	4.30 2.68 4.20 2.38 1.81	16 16 16 15 16	0 0 0	0 0 0		11 12 11 14 16	7 6 6 8 8	2 2 3 2 2
LEXINGTON WB AIRPORT LOUISVILLE STAN W B AP LOUISVILLE WB CITY MAMMOTH CAVE PARK ST JOHN BETHLEHEM ACAD	75.3 75.6 76.5 73.7 73.5	3.1 2.1 1.8 0.7 0.7	92 94 91 92 91	24 30 30 29 4	52 53 55 53 50	9 9 9 1 6	7 11 6 6 6	0 0 0 0	4.97 6.78 6.01 8.95 12.04	.92 2.96 2.19 4.55 7.84	2.59 2.24 2.74 2.29 2.95	15 15 15 15 18	0 0 0	0 0 0		9 16 12 15 16	5 9 6 8 11	1 1 4 4
SCIENCE HILL SCOTTSVILLE SHELBYVILLE 2 W WOLF CREEK DAM	74.4 75.9 74.2 76.9	1.0	92 94 94 94	4 4 5 5	55 55 50 57	1 6 9 6	6 12 5 13	0 0 0	4.10 11.44 8.71 7.24	4,43	1.28 3.58 4.00 2.36	14 16 16	0 0 0	0 0 0		12 14 11	9 9 5	2 3 1 3
DIVISION	74.9	1.3							7,40	3.08								
EASTERN DIVISION ASHLAND DAM 29 BEKHAM BEREA COLLEGE CORBIN	74.9 74.1 75.0 75.4 72.9M	1.6	96 96 97 95 93	25 10 11 24 25	49 45 54 54 44	2 5 8 1	10 14 8 9	0 0 0 0	2.32 3.12 2.40 3.16 1.00	- 1.89 - 2.23 - 3.39	.68 .74 1.29 1.00	17 16 16 16 28	0 0 0 0	0 0 0		9 15 8 10 7	4 4 3 3 2	0 0 1 1
PARMERS HEIDELBERG LOCK 14 HINDMAN SETTLEMENT SCH MATSVILLE DAM 33 MIDDLESBORO MOUNT STERLING	72.6 72.9 72.7 75.2 76.4	- 0.1 - 0.2 2.7 3.5	93 95 93 94 97	25 25 24 29 28	47 40 44 51 52	9 9 10 1 8	3 6 8 13 14	0 0 0 0 0	2.50 4.46 5.69 2.13 2.44	- 2.02 1.70 - 2.43 - 2.19	.57 1.00 2.15 1.40	13 17 12 16 14	0 0 0 0	0 0 0 0		9 12 12 8 8	5 7 6 2 4	0 1 2 1 0
PIERVILLE RICHMOND TEACHERS COL WILLIAMSHURG	75.3 73.5 74.1	0.3 - 0.0 0.1	96 92 92	24 25 24	47 50 49	5 9 1	19 4 5	0 0	3.45 3.33 4.03 3.08	89 91 38	1.06 1.14 .83	24 18 30	0 0	0 0		8 8 11	5 5 6	1 1 0
DIVISION	74.2	0.9							5,52	1.34								
	<u> </u>		<u></u>		L	L	<u> </u>	L	L		L	L			1			
							DEI	AYED I	DATA						_			
JANUARY 1949				1														
EASTERN DIVISION										.09	1.58	5	1.5	1	31	13	8	1
BEREA COLLEGE	45.3	8,6	73	18	10	30	0	10	5.05	.09	1.58	1	1.5	1		1		
PEBRUARY 1949 PIKEVILLE	47.2	8.7	74	15	21	2+	0	14	3.36	- ,03	.67	19				11	5	
MARCE 1949	47.2		1															
HEIDELBERG LOCK 14 PIEEVILLE	39.0 47.4	- 6.8 - 1.6	79 85	25 24+	14 17	2 16		15	2.91	- 1.41	1.00	18				14	4	1
APRIL 1949																		
WESTERN DIVISION						1										10	1	1
FORDS FERRY DAM 50			81	22					1.72	- 2.50	1.35	27				10	1	1
CENTRAL DIVISION	55.8	0.7							3.95	.07	1.60	27				9	4	1
GREENSBURG	55.8	0.7							1									
WESTERN DIVISION												1			1	11	4	
WESTERN DIVISION FORDS FERRY DAM 50			90	4+			2		2.51	88	.65	10			1	111	1	

Table 3											D	AII	Y	PR	REC	CIP.	ITA	ITA	10	1													TUC KY
Station	1	2	3	T	6	5	6	7	8	9	10	11	12	13	14	1	y of n	nonth	18	19	20	21	22	23	24	25	26	. 27	28	20	30	31	Total
ADDISON DAR 45 ADDISO											.7	.2		.5 .0 .4 .5 1.0	0 .05 5 .08 0 .30 2 .26	1	1.65	.82	-	.20 7 .12	.10	.15	.42 T			.18 T		.90	.05	.15	3 1.15	31	6.87 10.15 2.46 5.17 3.85
AGMLAND DAM 29 BARBOURVILLE MATER MES R BARDSTOMN BATTER HARLAN WTR WES R BEAVER DAM					02	.08					.0	. 3	3 .0	4	6 ,02	.23	T .53 1.45	.88	1 40	.87		.05	.05		.24 .20 .35 .08 .85	.04	.76 .25 .15 .32 .12	3 .34	.05	.07			5.17 3.85 2.32 2.04 4.74 4.05 5.68
RENHAM BENTOR R BEREA COLLEGE REREA MATER WORKS BUSTOR 2 SM				:	20 01	.10	.02				T . 10		7	01	8 .15	.03		5.7	.55	.02	.04	T .03	.02	. 24	.85 .57	.28	.78 T	.06	.09	.02			3.12 7.37 2.40 2.89 5.85
BOWLING GREEN SUBSTA BOWLING GREEN SUBSTA BONLING GREEN WB AP 2 BRENT DAR 36 BROWNSVILLE LOCK 6				. (	04 1	r	1	T T		T	T .5:	. 42	.11	8 .06 9 .07 8 .01	02	2.82 2.25 1.45	1 15	.06 .15 .13 .40	.10 .08 .08 .39	.03	.01	.03 .15 .05	.05 .08		.02	.04 .14 1.35	.53	. 29	.35 .23 .68	1.53	.36		5.85 5.10 7.21 5.72 8.34 5.29
BURGIN DIE DAR BURNSIDE CADIE LOCE K CAMPBELLSVILLE CARROLLTON LOCE 1 Z CLINTOR R						.43 .09 .08					.16	.95	. 20	.06	.75	.58 1.83 2.28 .05	3.15	.15 T	.03 1.30 .44	. 25 . 13 . 40		.02	.25		.02	.53 .05 .95 T	T .05	.10 .80 .72	.10		.04		5.94 3.54 7.83 8.74 5.93
COLUMBIA LW COLLEGE CONSTANTINE R CORBIN	.1			.0		10	1			.02	.68 1.42		2.08	.74 T	.78 .10 T .25	.05 .39 2.10 3.08 .01	.39 4.05 .03 1.00	.19 .45 1.15		.25 T	.32	.05 T	.46		. 41	.02	.40 1,27	.03 .03 .49		2.28	.12		2.80 3.38 8.47 10.88 3.16
CORBIN WATER WORKS COVINGTON N 8 AIRPORT CYNTHIANA DANVILLE DAVELLA R DELPHIA					1.	32		т			.01 T	. 53	.08 .59		.16 .27 .48 .10		.73 .94 1.50 4.30	.27	.02	.11		.30	.42 .10 .26 .03		1.92	.59 .04 .07 .75	.05 1.18	.90 .08 .10	.14 T	т		1	3.27 5.30 4.79 8.83 6.93
DELPHIA DEMA DUNDEE BARRETTS FRD BR R DUNNER DUNYOR DUNYOLLE EDDYYILLE LOCK F					1	04					.53	.07		.68		1.60		1.37	. 24	.25			.15		-	.48	58	. 25	.12 .24 .52	.52	.50		3.07 6.22 3.27 5.91
EDIONTON R ELIZABETHTOWN MATER WES FALMOUTS FARMERS					т						.06	.36 .06	.77	.06	.15	,26	.15 4.61 3.86 .25	.10	.25 .08	.02	. 15	.10	. 10 T			.54 .03 .13 T	1.22	1.06 .52 .02 .02	.09 .08 .02 .25 .57	.25	3.40		4.63 11.35 2.08 7.06 1.00
PLANKED WAS POST OFF RELINING SEBURG POST OFF REAL LOCK 10 PORDS FERRY DAM 50 Z PLANKED RT LOCK 4  FRANKLIN MATER WORKS Z				. 12	1,8	33				.01	.03 .12 T	.05 .03 .20	.12 .37 .07 .01	.66 .02 T	.85	.15 .43 .89 .54 .21	- 1	.03	.25	.06	.36	.08 T	.91		т	.23	.52	.09 .25 .26 .15	.25	T .02			2.77 2.17 2.89 5.09 6.62
PRANKLIN MATER WORKS ZEORGETOWN WATER WORKS ZEST LOCK 3 ZEASOW ZEAWT DAM 38 ZEENSBURG					.:i	19					.53 .48	.07 .51 .25 .34	.24	.06 .52 .25 .10	.10 .44 4.00	.12	.75	.25	.35	. 16			.15			.62	.06	.71 .09 .25	T .12 .09	.36	.11		6.86 5.77 8.27 8.71 5.28
REENSBURG HIMAY 61 BR REENUP DAN 30 REENUP LAN 2 M MALETS WILL R MARTPORD 6 N					T		1				T .11	.20	.50	.25 .48 .04 .50 .23	.50 .29 .36 1.30	1.85 4 1.50 5 .03 1.78 2.14	.01	.17	.08 .80		60 1	.05	. 11		.36	.06	.85 .18 .51		.10 .20 .06	.22	.10 Ť		9.50 9.57 3.86 7.27 7.05
MRTFORD 6 N BIDGLEERG LOCK 14 Z EENDERSON 4 SM EERBOON R HICKSVILLE				.01	.0		1				.43	.07	.10	.07 .57 .50 .08 .23	1.25 .37 .08 .72 .40	.65 2.94 .63	.05 1 .53 .05 .02		98 23 .	45	15	.92 .36 .43	.35		T	.60		.28 .22 .74 1.81	.03	.09	.13		6.94 2.50 3.80 9.77 5.89
DDGENVILLE RAT PARK R OPKINSVILLE 2 E RVIKGTON ACKSON	.49			.03							.56	.47	.56 .72	T .37	.03 .06 .75 .90 1		.03 .28 .07 .54		36 70 06	11 04 .	58		10			.52 .05	.50	.02 .90 .02 1.11	. 50	.18 T			5.98 4.46 8.43 7.63 6.52
ERSMIAH ERME 2 N ERTUCKY DAM ARCASTER ICE PLANT AURA SITCHFIRLD					.3				.34			.38	.02	.57 .11 .03 .73	.16 T .27	.40 3 .53 .92 1	.97	.23 .98 .05 T	Ť	04 24 7	١.	.02		09		.55	т	.12 T .53	.35 T .50	.16	1.05		2.08 2.14 5.61 4.82 3.83
EXINGTON WB AIRPORT Z IBERTY Z ITTLE HICKMAN LOCK 8 Z			1	.34	.0:						.06 T		.07 T	.28 .02 .80 .47	.12	.15 3 .63 2	.81 .70 .19 .24 1	.05 . .06 T	09 .	38		1 1	08 25 07			. 12 . 02 . 00	.08	.28 T .26			.38		2.12 6.06 4.97 6.58 4.93
OCEPORT LOCK 2 OGLICK 1 S OWDON POST OFFICE R DUISA LOCK 3 Z DUISVILLE STAN W H AP Z DUISVILLE UPPER GAGE DUISVILLE WE CITY				7								.05	.07 .24 T	.65 .32 .56 .13	.34 °	. 29 . 43 T	.17	30	02	о1 т		06	08 Т		50 i	05		T	.17		,20		6.63 1.76 2.22 3.48 6.78
DISONVILLE 1 SE	.08			.38	.06			1.	. 13		. 13	.06	.20	.18 .11 .64	.14 2	.32 .29 ,38 .	29	03 .3	34 02 23 1.3	00		33 1.		1	30	52			03	.01 .81 .51	.05 T		5.46 5.01 3.03 3.27 5.47
AMOOTH CAVE PARK JUGGESTER TY FIELD SUBSTA TY FIELD 2 8 TYSVILLE DAM 33 Z KINKLIB DAM 37 Z KINKLYSBURG R// DDLASHORD				.04		.2	T				. 35 . 34	.19	.02 .15		.50 .44 .53	.52 .21 .22	56 .	04 .0 07 .3 27	.1	4					80		15	. 51 . 25 . 17	76 13			1	3.95 2.25 3.76 3.62 3.69
DDLESDORO TOLESDORO CITY HALL R DWAY 2 8 LLERSTOWN WITCHLO REHEAD STA TEACH COL R				.02	.15						1	,36	. 13	.09	.35	14 1. 20 4.	40 27 50 .4	05	.3		-	-		1	10 24 .1	13	07	.38	1	1	.05	6 3	.09
RESERAD STA TEACH COL R CONT STERLING NFORDVILLE Z REAY LYE HILL R				.09								.36	18	.60	.14 1.	07 06 62 1.	26 .2 50 96 .1	29			13	.0			5		100	31	08 57	1.	18	4	.06 .51 .10 .44 .87
ENSBORO DAM 46 DUCAH NO 5 FIRE STA				35	T			.,	15	- 1	10	01	28 1	.94	.43 1.4 .42			6 1.0	3 1.11			.0 .0 .8	7 .55	.5	1.0		33 . 39 .	58		T 02		6	.42 .78 .71 .99 .59
DUCAH NO 5 FIRE STA DUCAH SCS MURSERY R DUCAH T V A INTSVILLE								"		1	44 7 38 15 06	10 .	05	.08 . .05 . .30 . .03 .	.43 .85 .29 .32 .40	86 1.: 22 .0 05 28 T	.8	2.2	. 28	3	.0	3 .0	3	1.4	4 1.4		17	70 11 18	12 .	00		4	.03 .65 .84

- 83 ~

Table 3-Continued										DA.	LLY	P	RE	CI				אכ			_										TUNE :	
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14		of mo		18	19	20	21	22	23	24	25	26	27	28	29 :	30 3	31	Total
Station  PIETVILLE PIETVIL	.47	2	3	.01	.25 .86 .27 .00	5 5 5 5	.07	8	9 T .51	.27 .29 .25	T .02	.13 .85 T .70 .16 1.25 .70 .23 .25 .59 T .02 .44 .14 .11 .42 .10	.83 .02 .50 .86 .10 .17 .29 .07 .25 .30 .04	T .02 .10 .36 .24 T .42 .31 .45 .64 .65 .36 1.00 3.58 .50 .32 .44 .14 .89	11.20	166 1.72 1.06 1.93 .40 1.14 .40,2.60,6 1.68 7.4 4.01 1.01 1.28 1.11 .09 4.00 4.00 3.36 6.58 3.66 3.55 .04	17 T .31 .85 .02 .35 .17 1.21 .23 .53 .02 .71 .80 .30 .30 .30 .31 .71 .71 .71 .71 .72 .71 .71 .71 .72 .73 .73 .73 .73 .73 .73 .74 .75 .75 .75 .75 .75 .75 .75 .75 .75 .75	18 .07 .07 .39 .35 .54 .58 .2.95 .15 .79 .78 .20 .51 .79 .10 .08 .7 .10 .09 .13 .02 .12	.34	.47 T	21 T .28 .02 .06 .23 .10 .65 .42 .14 .07 T .06 .13 .25 .20	.22 .26 .32 .04 .03 .10 .16 .13 .03	$\dashv$	.15	.09 .05 .60 T T .35 .20 .53 .18 .03	.0% .16 .25 .28	.52 1.81 .32 T .46 1.08 1.72 .05 .09 .07 2.02 .34 .48 .02 .05 .28 1.05 .28 1.15 .24 1.10 1.10 1.10	28 .49 .53 .09 .25 .1.26 1.18 .02 .41 .08 .02 .70 .90 .12 T .88 3.06	.38 .04 .46 .45 .06 .08 .05	.71 .09 T .14 .70 .25 .28 .16 T .71 .83	1	3, 45 3, 189 6, 68 6, 68 6, 1, 73 4, 76 6, 66 6, 66 8, 22 2, 04 4, 10 1, 14 10 10 10 11 11 11 11 11 11 11
WILLIAMSTOWN WILLOW LOCK 13 WOLF CREEK DAM 2											.03		.22 2.65 .40 .10	.81	.18 1.46 1.06	2.15 .64 2.36 1.62	.25	.02 .05 .33	.82 .18	.33	.14	.02			1.23 .76 .02	.02	.07 1.50 .33	.17 .07	.99	.19		6.67 4.86 7.24 4.62
WOODBURY LOCK 4 2	L	L	L		.0				_	.01	. 20			.07		1.62	.10	.33	.12			.01					.33	.48	.13	1		4.62
DECEMBER 1948			T -						П					.04	.99	.21	.21		. 27				. 20	.10					.35	.03	T	2.51
BOSTON 2 SW MADISONVILLE SMEPHERDSVILLE TAYLORSVILLE			.0:	.01	.4	.05						.04			1.52 1.88	.50	.14	-	.30	.01			.20	.18	.04			-	.47	.03	т	3.37
JANUARY 1949		.1		7		2										1.15	.09	.80			.67		.45	.87	.66	.12	.91			.08	. 18	6.98
HERTOR R REGREA COLLEGE Z MIDDLESBORO CITY HALL 8 STILLWATER	.00		2 .1 .3 .2 .0	3 T	.0 1.5 2.4	1.01		т			.04	.03				.03	.09 .33 .20	.05	.36		.67 .78 1.49	.32	.45	.04	.24	.12	.91 .31 .48 .01	.08	.06	.24	.18 .43 .50	6.98 5.05 6.78 1.28
FEBROARY 1949  BENTON RESTUCKY DAM 2 LOUISVILLE BOWMAN FLD RATFIELD 2 S PIREVILLE 2			.7 .6 .3	.00			.05		т	.05			2.13 .61 T	5.17 2.67 1.39 5.17 .59	.86 .20 .98 .74	.19			.04 .12 .58 .04	.02	т	.02 T		.26 .22 T	,19		.29 .09 .17	.11			1	7.34 6.03 4.14 7.35 3.36
MARCH 1949 BENNIAM BEENT DAN 36 BEIDELBERG LOCK 14 22 EXENTICELY DAN LOUISVILLE UPPER GAGE MATPIELD SUBSTA MONTICELLO PIETVILLE ENDER GAGE THAT WATHER SUBSTA MONTICELLO 2 THAT WATHER SUBSTA THAT SUBSTA MONTICELLO 2 THAT SUBSTA THAT SUBSTA MONTICELLO 2 THAT SUBSTA THAT S	т	т			.0	.13	т	.40	.0 .2 .1 .5 .4 .7 .4 .5 .1 .7 .2	5 .59 3 .78 7 .38 1 .85 3 .96 3 1.20 4 .B4 0 0 3 .68 5 .90 5 .48	.25 .02 .04 .03	т	.11		.10 .03 .05 .01 .20	т	- .23 .24 .07 .06 .22 .07 .100 .21	.19 1,29 .64 .49 .78 .74 1,70 1,00 .90	.10 T .04 .08 .50 T .17			.07 T .58 .35 .46 .56	.19 .43 .51 .55	.50	.35 .05 .05 .11 .28 .25	.35 1.02 .80 1.04 .95	1.48 1.56 1.55 .87 1.77 .50 .17 1.05	.05	.16	.50	.31 -41 .52 .53 .38 .15 .01 .54	4.23 5.81 5.59 6.34 8.45 5.06 2.91 6.20 4.24
BARBOURVILLE WATER WES BEFORD GREENSBURG KREENE 2 N LOUISVILLE BOWMAN FLD PIEVILLE SADIEVILLE TOMPEINSVILLE TEL OFF	.0	.0	7 .1	.1 .0	1.0		.10 .07	.11	5	.05	.10	.83 .45 .10 .43		.40 .56	.02	т	.02 T .12	T .14	.10		.02		т	т		.07	3.24 .05 1.60 .72 .94 1.20	.45	.03 T	.26 .03 .20 .25 .07		6.38 1.83 3.95 2.73 3.23 4.60 4.88
MAT 1949 ALLEM GREYRBURG STYLER LOUISYILLE BOYMAN FLD	.0	.2	160				.70		1.3	1.90 .40 35 .87				-	-		.10	-	.63	-	1.10	.42	.50	.30	.62	1.1	.88					3.61
						-																										

Table 4		1						lour er			ILLC		441.		.,						h.				Ju	WE 194
Station		1	2	3	4	5	-	-	B	9	10	111	12	1	2	3	1	P 8	M H	our er	ding	9	10	T	12	Total
		H	1	1	+ -	1	na.	+	1 -	1	-		1	st-	-		+-			+'	В	9	10	11	12	
CLINTON												. 03	3 ,1			.0	1									.18
MARROURVILLE WATER WES													7	LIII			.05				. 01	ı	. 01			. 02
MARROURVILLE WATER WES MAXTER HARLAN WATER WES MENTON 1 5W MERREA COLLEGE MOULING GREEN WB AP CLINTON											.03					. 03		. 02								.02
FORDS FERRY DAM 50 GEST LOCK 3	"											.25	5		. 04								. 08	.03	, 01	.03 .12 .38
MAKARD HAR MAT PARK BEDGERVILLE NAT PARK LEXINGTON WE AIRPORT LITTLE HICKMAN LOCK 8 MADISONVILLE 1 SE MIDDLESBORD CITT HALL BUFFORDVILLE	"															. 32	.02	.01	.20	.04	.08	1	.01		.02	.04 .03 .34
MIDDLESBORD CITY HALL MURFORDVILLE UNIONTOWN DAM 49 MODDBURY LOCK 4	"													.08		. 02		.05	. 02	.02	. 02					.05 .20 .02 .03 .03 .12 .38 .11 .04 .03 .34 .39 .07 .07 .72
LITTLE RICKMAN LOCK 8 ROODBURY LOCK 4	"	.07	. 01	ı										th-												.07
RENTON 1 SW													-9	th-	•				٠							
PARELIN WATER WORKS HEST LOCK 3 HUNFORDVILLE		-	-	-	-	-	-	-	-	-	-	-	-	:52 th-	. 05	.01	.01	- 0	-	-	-	-	-	-	-	.02 .57 -
ADDISON DAM 45 LDOLPHUS 1 N MENTON 1 SW MOWLING GREEN WB AP ARROLLTON LOCK 1	%			.17	. 48	.06			. 01					in-		. 03			.08	.10	. 01	. 01	.18		.01	1,02
OWLING GREEN WB AP ARROLLTON LOCK 1 LINTON DONSTANTINE OWINGTON W B AIRPORT	"	ľ	. 03	•	.03	.07	.02	.11	.02			.01	.10					. 02	.01	.21	.12	.03	.11		. 03	.19 .10 .50
OWINGTON W B AIRPORT DWONTON ORDS FERRY DAW 50 RANKLIN WATER WORKS	6							.13		.15	.02									.10	.16	.01	.01	.25	.90	.18
EENDON								1							.29	.06	.01	.01 .01			.03	.04				.06 .30 .09 .11 .43
DOCENVILLE MAT PARK IBERTY OUISA LOCK 3 OUISVILLE STAN W B AP OUISVILLE WB CITY UCAS UNYORDVILLE 1 SE UNYORDVILLE 1	"	٠	٠	٠	٠	* .25	.13	.01	٠	٠	•	•	.67					.04	.03	ľ	•	•	.09	.01	.01 .12 .11	.11
Tamboono pada 40			.42	. 03					. 02				.04	.01		.01	.03	.01	.10	.88	.10	.02	. 02	.01		.45 .64 1.13 .04 .28 .48 .13 .53
UNSET LOCK 2 BIONTOWN DAM 49 DLF CREEK DAM DODBURY LOCK 4	"	- 23	-20	- 10	-	-	-	-	_	-	.03	-	-	_	-	-	-			_	11	.02	-	-	_	
	"	.44	.02	.01									-11	th-				.01			.01	.13	.04		.01	.20
DDISON DAM 45 EREA COLLEGE DWLING GREEN WB AP ARROLLTON LOCK 1 DESTANTINE	"	.11	.01	.01		.02	.13	.40	.20	. 05				.07			.03				.02					.47 .02
OVINGTON W B AIRPORT	6	•	.01	•	•	•	•	٠	.03	•	.02	.03	٠	•	.22	•	•	•	٠	٠	.28				-	1.11
LEMINGSBUNG POST OFF SST LOCK 3 EIDELBERG LOCK 14 DEGRAVILLE NAT PARK EXIMCTON WB AIRPORT DUISA LOCK 3 DUISVILLE STAN W B AP DUISVILLE WE CITY PLAN EXIMCTESBURG LLEESBURG LLEESBURG	"	•	•	•	٠	•	•	.01	.04	.03	•	•	.02	-	-	-	-	-	-	-	-	-	-	-	-	.10 .47 .02 .03 .33 .67
DUISVILLE STAN W B AP DUISVILLE WB CITY CAS		.05 .06	.01	.11 .28	.13 .15	.03	.01 .01			.01	.01	.01		.04												.03 .33 .67
KINNEYSBURG	",								.01	.26	.26		.02 .11 .02	.01	.01			.01			.16	1.00	.77	.06	.06	.06 2.13 .77 .36
DDISON DAM 45 DOLPHUS 1 N	"								.38	. 12	.01	-	-12i	h-	.04	.01										.55
DDISON DAM 45 DOLPHUS I N ARBOUEVILLE WATER WES LITER RABLAN WATER WES ENTON I SW ENEA COLLEGE WILING GREEN WB AP ARBOLLION LOCK 1 LINTON							.32				.01		.71	.06 .04 .03	.08		.03		. 01	.01			. 04		1	.55 .05 .07 .14 .75 .49 .06 .95
ARROLLTON LOCK 1 LINTON DESTANTINE	"			. 02	.78	.89	.04	.10	.15	.05	. 02	.71	.08	.10	.01	.01	.01	.02	. 04	.01					. 02	.06 .95
PRSTANTINE DEBIN VINGTON W B AIRPORT VELLA MONTON	6	.48	.01					*	.01	.03	:	.01	.02	* .10 .02	.07 .03	.01 .01	.01		.01		.01	1			- [	2.08
VELLA MONTON MONTON EMINGBBURG POST OFF ST LOCK 3 ZARD IDELEKEG LOCK 14 DGRNYILLE NAT PARK BERTY	1/4		-	_	_	-	_	-	_	.08		.18 .30	.12	.02	.01	.02	.01	.15	.02							1.13 .25 .37 .48
DGENVILLE MAT PARK BERTY TILE HICKMAN LOCK 8	"							. 02	.05	.19		.01	10	.20	.56	.01 .32 .23	.01		-	-	-	-				.57 .72 .81
BERTY TILE HICKMAN LOCK 8 GLICK 1 S MIDON POST OFFICE UISA LOCK 3 UISVILLE STAN W B AP								. 07	.08	.08		.17	.10 .05 .13	.01	.01	.03	.02	.05	.03							.57 .72 .81 .43 .07 .24 .62
						See refe	erence	notes fr	llowing		n Index		. 01													.21

KENTUCKY JUNE 1949

						A.	м. Но	ar end	ing									P. 1	M. Hou	ar end	ing					,
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
LOUISVILLE WB CITY MAYSVILLE DAM 33 MC KINNEYSBURG MILLERSBURG MUNFORDVILLE	1/1	.06	.01				.06	.10	.01		.08	.11	.01	.18		.02	.01									.20 .09 .06 .73 .41 .08
OWENSBORO DAM 46 PIKEVILLE UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4	11	-	-	-	-	-	-	-	-08	-	-	-	.02	.10	.08	-	-	-	-	-	-	-	-	-	-	.08
ADDISON DAM 45 BAXTER HARLAN WATER WES BENTON 1 SW	11	.01	.01						.01	.13	.05	•	-13	.02												.05 .02 .16 .22 .06
BEREA COLLEGE CARROLLTON LOCK 1 CLINTON CONSTANTINE	11							.02	.35	.01			.03	.01		.53	.19		. 02	.03						.06
COVINGTON W B AIRPORT DAVELLA FORDS FERRY DAM 50 GEST LOCK 3	6									•	.76		.01	.36	.02	.01	•	•	.02	:	.22	:	:	:	.07	.41 .77 .38
HALEYS WILL HAZARD HEIDELBERG LOCK 14 HERNDON LEXINGTON WB AIRPORT LOCALICK 1 8	<i>%</i>	-	-	-	-	-	-	-	-	-	.07	.01	.03	.22	.10	-	-	- .01	-	-	-	-	-	-	-	.35 .08 .02
LOGLICK 1 S LOUISVILLE STAN W B AP LOUISVILLE WB CITY HADISONVILLE 1 SE HATSVILLE DAM 33 MC KINNEYSBURG MIDDLESBORO CITY HALL	<b>"</b>										.35	.01	.01	.02	.06	.01	.03	.12 .04 .02 .09	.01		.09	.02				.35 .08 .02 .32 .13 .11 .36 .17 .15 .09 .44 .12 .40 .31 .45
MILLERSBURG MUNFORDVILLE OWENSBORO DAM 46 PIKEVILLE RUMSEY LOCK 2 UNIONTOWN DAM 49	//								.01	.01	.03	.07	.01 .28 .12	.01	.43	.02		.25		.35						.44 .12 .40 .60
WOODBURY LOCK 4										.03		.01	-14	th-												.04
ADDISON DAM 45 ADDLPHUS 1 N BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1	1/4	.19	.01		.02	. 02	.01	.01	.44	.22	1.00 .03	.40	.18 .11	.03	.10 .01	.01 .04 .04	.11 .56 .02	.25	.16 .01	.05		. 02	.04	.04		.12 4.12 .66 .25 2.45 .03 .78 .25
CLINTON CONSTANTINE CORBIN	6				. 05	, 02 +	.01		.71 .01	.04	.26	.17	.01	.01	.01		.04	.02	.05				,15		.01	.03 .78 .25
COVINGTON W B AIRPORT EDMONTON FLEMINGSBURG POST OFF FORDS FERRY DAM 50	6	.01	.05			.01				.09	.18	.12	.43	.43 .06	.25	.07	.02	.01	.11	.10	.03	•	.01	.01	.03	1.79 .07
PRANELIN WATER WORKS GEST LOCK 3 HALFYS MILL HERNDON HODGENVILLE NAT PARK			.01	. 07		.14	.50	.02	.01	.02	.11	.11	.07	.02 .26 .31 .15	.05 .06	.60 .04 .01	.02	.06	.02	12	.01		.07	.01	.01	.16 .94 .72
LEXINGTON WB AIRPORT LIBERTY LITTLE BICKMAN LOCK 8 LOGLICK 1 3 LOUISVILLE STAN W B AP LOUISVILLE WB CITY LUCAS	<i>%</i>							.01		.04	.32	.02	•		.46	.12 .21 .02	.04 .17 .05	.02 .02 .01 .27	.03 .03 .09	.12	.12	.02 .05 .08				.07 .20 2.52 .16 .94 .72 .75 .27 1.10 .54 .06 .36 .36 .45 3.14 .67 .14 .19 .30 1.26 .28
LOUISVILLE WB CITY LUCAS MADISONVILLE 1 8E MAYSVILLE DAM 33 MC KINNEYSBURG MILLERBRURG	1/1		.03			.01	.49	.09	.13	.61	.16	.67	.45	.16	.04	.01	.09	.18	.40	.14 .01 .01	.08 .01	-04	.03	.05		.45 3,14 .67 .14
MILLENSBURG MUNFORDVILLE OWENSBORO DAM 46 RUMSEY LOCK 2 UNIONTOWN DAM 49 WOLF CREEK DAM	11		.02	.01	. 06	.01	.01	.21	.19 .11 .47	.25 .01 .02	.06	.05	.31	.23 .01	.01	.01 .04 .05	.01	.14	.01	.13	.02	-	-	_	_	
WOODBURY LOCK 4		-							.10		.13	.03	.01 —15	th-		.29	.14	.03	.02	.03			.05		.01	.84
ADDISON DAW 45 ADOLPHUS 1 N BARBOURVILLE WATER WKS BENTON 1 SW BEREA COLLEGE	"	.11	.03	.02	.05	.02	.04	.04	.02	.05	.18	.15 .17	.07	.03	.15	.58	.02	.01	.12	.07	.02	.05	.09	.04	.02	1.95 1.58 .23 .34 .86 1.41
BOWLING GREEN WB AP CARROLLTON LOCK 1 CLINTON	"	.12	.02			.37	.03	.10	.08	.09	.08	.08	.13	.12	.09 .30	.06 .01	.01	.01 .01 .04	.15 .01 .01	.04	.02	.12	.02	.03	.02	.86 1.41 .99 .05 3.08
CONSTANTINE CORBIN COVINGTON W B AIRPORT EDMONTON	6 6		.04			.04	.10	.21	.01	.13	.05	.71	.06	.24	.22	.34	.17 * .20	.40 * * .51	.04 .01 *	.52 .04	.40 .37	.42	.17	.11	.37 * .02 .03	
FLEMINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL		.01	.01 .01	25	.02	.07	.02	.09 .17 .03	.08	.13	.10 .19 .05	.02	.14 .04 .16	.11 .03	.05	.02 .54 .05	.01 .01 .31	.01 .01	.01	.06	.02 .01 .04	.01	.07	.04	.03	4.86 .43 .30 1.26 2.01 2.14
HAZARD HEIDELBERG LOCK 14 HERNDON HODGENVILLE NAT PARK LEXINGTON WB AIRPORT	1/4	.02	.05 -	.13	.13	.09	.18 .25 .04	.15	.10	.12	.29	.34	.27	.52	11	.13	.04	.02	-	.01	.02	.02	.14	.01		
LIBERTY LITTLE BICKMAN LOCK 8	<i>#</i>							.06	.04	.01	.01	.01	.01	.01	.01	.09	.09 .07 .06 .09	.08 .04 .02	.16 .70 .16 .58 .02	.10 .40 .41 .23	.36 .48 .21 .01	.49	.10 .16 .11 .05	.10 .14 .12 .03 .04	.14 .24 .10 .07 .01	.20 2.94 2.66 2.59 2.30 1.80 .29 .43 2.24 2.74 2.29
LONDON POST OFFICE LOUISVILLE STAN W B AP LOUISVILLE WB CITY LUCAS MADISONVILLE 1 SE		. 12	. 04	.02	.01	.02 .01 .05	.01 .01 .10	.26 .04 .03 .03	.14 .19 .07	.07 .14 .05	.10 .16 .18 .04	.04 .08 .44	.43 .32 .22	.50 1.01 .41	.12 .06 .08	.11 .13 .04	.08 .10 .02	.07 .07	.05 .09 .08	.10 .13 .17 .03	.06 .06	.09 .18 .03 .04	.04	.01	. 01	2.24 2.74 2.29 .50
MAYSVILLE DAM 33 MC KINNEYSBURG	%	.01	.02						.01			.01	.02	. 02	.25	.19	.19	.02	.04	.14	.09	.06	.02	.06	.01	1,20

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HIDDLESKNRO CITY MALL HILLERSBURG UNDFORDY ILLE OWNESDORD DAM 46 RUNSKY LOCK 2 UNIONTOWN DAM 49 WOLF CRICKE DAM WOODBURY LOCK 4	//	.06	-	. 0	2 .11	1 .19	.02	.02	2 .05	.0	7 .08 .01 .0	8 .02	.01	.0	5 _	.01		.01	.10	0 .1:		5 .02	7 .0	7 .10	0 .01	1.8
BARROURVILLE WATER WES BAXTER HARLAN WATER WES BERTON 1 SW BEREA COLLEGE CARDILITON LOCK 1		.01		. 01	. 02	.06	.18	.01	.03	. 13		2 .03	-16		5 .05	.06	.01	.17	.04							1.6 .0 .5 2.0
CONSTANTINE CONSTANT INE CONSTANT ON W B AIRPORT DAVELLA	// 6	.09	.24	.01	.44	.63	.42		. 04	.01								* * * *	.21							2.6
DAYELLA EDMONTON FLEMINGSBURG POST OFF		.05	.02	·	ľ	.03		.07	.01	.01	.01	.11	.06	.0	7 .10		.06	.09	. 05	.13	3 .04	.08		٠	.02	.9
EDMONTON PLENINGSBURG POST OFF PORDS FERRY DAM 50 GEST LOCK 3 HALETS HILL HAZARD	,,	.34	.31	.55	.25			1				.01	.01	ľ	.01	.01		.03	. 14		•	•	.01	.05		1.8
HERITON HONGEWALLER HAT DANK	<i>",</i>	.04	.02	.02	.01	.09	.16	.05		-	.01	-	-	. 02	-	-	-	-	-	-	-	-	-	-	-	
LEXINGTON WE AIRPORT	%	.17	.28 .33 .05	.10 .11	. 01	.03	.03	.01	.02			.04	.01		.02	.01			.08							.4
LIMERTY LITTLE HICKMAN LOCK 8 LOGLICK 1 8 LOGLICK 1 8 LOGDON POST OFFICE LOUISM LOCK 3 LOUISVILLE STAN W B AP LOUISVILLE BAN 33 WC KINNEYSBURG WITH STAN W B AP LITTLE BAN 33		.01	.10	.01	.02	.03	.03	.01	.01				.01	. 05	,	.01	.03	.02	.04	.11	.05	.03	. 01			.3 .1 .5 .2 .2:
MATSVILLE DAN 33 MC KINNEYSBURG MIDDLESBORG CITY HALL MILLERSBURG	"	.07	.07 .01 .05	.03 .03 .02	.01 .02 .01	.01	.01	.02 .02 .07	.02	.01 .09 .08	.03	.03	.02			•••	.01	.01	.01					. 07		
NUMPORDVILLE OVERSHORD DAM 46 PIKKVILLE RUMSKY LOCK 2		.02	.01			.07	.02 .01	.08	.10	.03	.01				.05						.08	.09	.01			1, 2 .5 .0 .1 .6
			.01	.01							.04	. 05	.04 -17	.08 th-	.05	.13	.07	.04	.05	.06	.03	.04	.01	, 05	,05	.68
ADDISON DAM 45 ADDISON DAM 45 ADDIANG GREEN WB AP CORSTANTINE CONSTANTINE	%			.03		.02			.04	.06	.16	.13	11					.01		.01		. 02	.11			. 40
CARROLLTON LOCK 1 CONSTARTINE COVINGTON W B AIRPORT PORDS FERRY DAW 50 FRANKLIN WATER WORKS	6	.02	.01	.01				.01	. 02	.02				.18	.02	.03		.02	.02	.01					.01	.15 .13 .04
HERRIDON				.01	.01	.01		.01	. 09	.01					.01	.01		. 02	.02	.10	.01	. 36				.35 .36 .34
LOUISVILLE STAN W B AP	"			.02		.12	.03	.02							.01		.06		.04						.32	.06
LUCAS  IIC KIDREYSBURG  NURFORDY ILLE  OWKNSBORO DAM 46  RURSEY LOCK 2	11				. 02	.20	.03	.04	.01							.02			. 05.			.02		.01		.17 .05 .03 .05
RURSEY LOCK 2 UNIORTOWN DAM 49 WOODBURY LOCK 4	"	.01	.07	.13	.02	.20	,23	.58	.15	.01 .01 .01	.01 .04 .01	.01	.17	.03	.05	.03	.03	.03								.37
ADDISON DAM 45	"		. 01	.05				.01	.01				-18								.20			.01	.01	.39
ADOLPHUS 1 M BAXTER HARLAN WATER WES RENTON 1 SW BERRA COLLEGE	<i>",</i>	.01	.01	.05 .72	.53 1	1.72	.22	.11	.01	. 01	.09		.03	.03								.02	.04	.83	.51	.24 .88 1.40 3.16
BOWLING GREEN WB AP CONSTANTINE COVINGTON W B AIRPORT	6	.01				.01	.01	.01	.02	.17	.02					.02	.01								.01	3.16 .02 .07 .24
FORDS FERRY DAM 50 GEST LOCK 3				_	.23	.01			.02							•	•	•	•	.35	.02					.25
HEIDELBERG LOCK 14 HERNDON		.01	.01	.01		.26	.10	. 35	.06	.11	.06		.01	. 01	.56	.01	.50	.05					.01		.03	.01 .80 .04
LIBERTY LE RAT PARK LIBERTY LITTLE HICKMAN LOCK 8 LONDON POST OFFICE LOUISVILLE STAN W B AP LUCAS	"		.03					. 55	.00		.00				.07											.07
MUNFORDVILLE 1 SE				. 01		. 15	1	. 02				.02		. 04	. 34	2	.21 .	.06	.01					.01		.02 .38 .02
OWKHSBORO DAN 46 PIRKYILLE RUBSKY LOCK 2 UNIORTOWN DAN 49 WOLF CREEK DAN WOODBERY LOCK 4				İ		.03	. 01	.01	.01	. 02		.02	.06	, 04	1	.03	.01 .02 .	01	.01	.01	.01					.17 1.13 .05
OODBURY LOCK 4		. 02		.01			.01	.02 .02 .01	. 01							. 16 . 01										.26 .04 .21
BARTER HARLAN WATER WES BEIDELDERG LOCK 14 LOUISVILLE STAN W B AP	"	.01		. 01		.01	ı		.03			_	19t	h-												. 05
DDISON DAM 45 DOLPHUS 1 H LINTON	1/4					.01	-					-:	20tl	h-												.02
DINORTOH RAWEL IN WATER	"		01		. 01				.01			.01				16 .	01 . 05 .	14 . 01	01		, 32					. 16 . 23 . 32
ALEYS WILL AZARD	//		_	.					_				02		.10 .32 .	02	23 .	01 .	01							.03 .10 .25
					S	lee refer	rence n	otes fol	lowing	Station	Index		-			1-	-	-	-	-	-	-	-	-	1:	. 54

KENTUCKY JUNE 1949

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ERNDON  DECENVILLE NAT PARK ITTLE RICKMAN LOCK 8  ULISVILLE WE CITY ADISONVILLE 1 SE INFORDVILLE INSEY LOCK 2  IONTOWN DAM 49  LIP CREEK DAM	11	A.										.10	.09 .01 –21	.12		.01 .07	.01 .01 .08 .01 .03 .01	.45 .01	.02				.12			1.0
ADDISON DAM 45 BEREA COLLEGE BOWLING GREEN WB AP CLINTON CONSTANTINE	11	.01						. 02		.01		.01	-21	SL.		.40	.01	.03							.02	
OVINGTON W B AIRPORT LEMINGSBURG POST OFF ORDS FERRY DAM 50 ALEYS MILL	6													.08		.10 .26	.01	.02	.26			٠	٠	•	•	1
ONDON POST OFFICE OUISVILLE STAN W B AP ADDISONVILLE 1 SE C KINNEYSBURG C KINNEYSBURG LIDDLESBORG CITT HALL UMFORDVILLE WENESBORG DAM 46 UMMSEY LOCK 2 OODBURY LOCK 4	11	-	-	-	-	-	-	-	-	-	-	-	-	.01	.85	.06	01	.06	.06	.03	-	.01	.02	-	-	1
ARBOURVILLE WATER WES EREA COLLEGE ORBIN OVINGTON W B AIRPORT	6	:	.27			.01 *	.02	.18	.17				-22													
AVELLA EIDELBERG LOCK 14	"		.01	.10	.24	. 01	. 01						. 01	.01	.01											
DUISA LOCK 3 AYSVILLE DAW 33 C KINNEYSBURG IDDLESBORO CITY HALL IKEVILLE	<b>"</b>	-	-	- 01	-01	-	.07	-	.05	.18	-	-	- - -24	- - Lth-	- -	-	-	-	-	-	-	-	-	-	-	
DDISON DAM 45 ARBOURVILLE WATER WES AXTER HARLAN WATER WES ENTON 1 SW DWLING GREEN WB AP	"									. 02	.01			.01	.15	.02		.16 .35 .01	.03	.05	.01				.01	
ARROLLION LOCK I LINTON DNSTANTINE DRBIN DVINGTON W B AIRPORT	6	-	-	-	-	-	-	-	-	-	-	-	.02	.23	.01	.03	.01	.02	.02	* * 65	* .76	:	:	:	.02	1
AVELLA ORDS FERRY DAM 50 RANKLIN WATER WORKS EST LOCK 3 ALEYS WILL AZARD	,,		_		_	_		_	_	_		.01	.01	.09	.06	.01	.19	-		_	.07		_	_	_	
EIDELBERG LOCK 14 ODGENVILLE NAT PARK	// <sub>1</sub>																.20		.05	.82	.01					The same of the sa
EXINGTON WE AIRPORT IBERTY ITTLE BICKMAN LOCK S OCLICE I S ONDON POST OFFICE DUISVILLE STAN WE AP DUISVILLE WE CITY ADISONVILLE 1 SE AVSVILLE DAM 33	"		_		_	_	_		_	_	-	_	_	-	.07	.21	.26	.01	.03 .49 .19	.05	.03	.01	_	_	- }	- Constitution
C KINNEYSBURG IDDLESBORO CITY HALL WENSBORO DAM 46 IKEVILLE UMSEY LOCK 2 NIONTOWN DAM 49	11	-	-	-	.03	-07	-	-	-	-	-	-	-	-	-	.75	.17		.02	1.04	-	-	-	-	-	:
LINTON		. 02					.02						-25	th-												
OVINGTON W B AIRPORT NAVELLA ONDON POST OFFICE OUISA LOCK 3 FIREVILLE IN IONTOWN DAM 49	6 6		1.16			.01	.01	.01	.01	.03	.07	.12		•	. 04		. 02							·	Ì	
INDIGOV DAN 45	1/4												-26	5th-		.01		.20	.08			.57	.13	.08	.01	
ADOLPHUS 1 N AARBOURVILLE WATER WKS BAXTER HARLAN WATER WKS BENTON 1 SW BOWLING GREEN WB AP CARROLLTON LOCK 1 LINTON	"		_	_	-		-	-	-	.01	.01	,	-	.04	.03	.31	-	.06		i _	.31			.05	.07	
CONSTANTINE CORBIN COVINGTON W B AIRPORT COMONTON CLEMINGSBURG POST OFF	6		. 05	.14	.01		. 48		.04	•	.01	•	.15	.23	.01	٠	.01	04	.50				.15	.02		
PRANKLIN WATER WORKS PRANKLIN WATER WORKS PEST LOCK 3 HALEYS MILL RERNDON					.01			.02	.02	. 01	.12						.19		.47	.21 .04 1.84		.09	.09	.06	.02	

Station						A.	M. Ho	ur end	ling									P	м Но	ur end	ing					
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INDIGENTIALE BAT PARK LEERINGTON PARIDHORY LEERINGTON PARIDHORY LEERINGTON POTFICE LONGION POOTFICE LOUISVILLE STAN W B AP LOUISVILLE STAN W B AP LOUISVILLE STAN W B AP LOUISMOND CLUT BALL MILLERSHUM LICKAS VIENTAMENT LICKAS VIENTAMENT LICKAS VIENTAMENT LICKAS VIENTAMENT VIENTAMENT LICKAS VIENTAMENT VIENTAM	% %	-	-	-	.09	-	.09	.09	.01	. 19	. 01	.11	.03	.13	.01 .02	.01	.15	.88	.29 .08	.28	.01	.01 .02	.01	.01	.02	1,42 .08 .22 .02 .85 .80 .39 .47 .05 .07 1,03 .24 .15
ADDISON DAM 45 DODSONS 1.1  ARRODORNILLE VATER VES BENTON 1.5  BOVILING GREEN VB AP  BOVILING GREEN VB AP  COVINCTON V B AIRPORT  COVINCTON V B AIRPORT  FLEX INSURED POOT OFF  FLEX INSURED VERY  BALTAY BILL  LEBERTY BILL  LEBERTY BILL  LEBERTY BILL  LEBERTY BILL  LOUISA LOCK 3  MATSVILLE DAM 33  MATSVILLE DAM 33  MATSVILLE DAM 33  MOTORDORN DAM 46  RUSET LOCK 2  RUSET LOCK 2  RUSET LOCK 2  RUSET LOCK 4  WOODSURY LOCK 4	"" "" "" "" "" "" "" "" ""	.01 .02 .03 .03 .03 .03 .03 .03	.01	.01	•	-	.13	.11	.01 .02 .02 .18 .46 .02 .13 .01	.73 .09 .05 .05 .10	.01 .10 .14 .01 .21 .19 .10	.04 .18 .12 .01 .08 .08 .11 .12 .01 .08	-27 .11 .01 .02 .0304 .0901 .01	.01	.08	•	.01	.06	.15	.06	.35	.18	.01	.24	.08	.06 .71 .08 .82 .03 .10 .08 .25 .68 -74 .01 .76 .33 .34 .11 .34
ADOUPRUS I N BAXTER RARLAN VATER WES SOULING GREEN WE AP FASTILLE VATER WORKS BAZARD LOGICK I S LOUIGA LOCK COURS LOCK I S LOUIGA LOCK I BALLE STAN W S AP LOCAS FRENCHOOD DAM 46 PIERYILLE ROOGUET LOCK 4		.10 - 1.12 .01	.03	.07	.05	.01	.05	- 1	-	.01	.14	.08	.05	-	-	.05	01	.14	.15			.07	.66		.17	.06 .05 .67 2.88 44 .17 1.74 .26 .03 .46 .08 .51
ANDIENT NAM 45 ANDIPUTES 14 MARBOURYHLE WATER WES SOULING CREEK WE AP ENDILING CREEK ENDILING CREEK ENDILING CREEK ENDILING CREEK ENDILING COL 14 MACHINE HE CLITY ENDILING CREEK ENDILING CREEK ENDILING CREEK ENDILING CREEK ENDILING CREEK ENDILING ENDILING CREEK ENDILING EN	"""""""""""""""""""""""""""""""""""""""	.02	.07	.01				.01	. 02			_	30t	.29 .45 .32 h-	.10	. 69	.04	.13	.49			.01		.02	.01	.16 1.16 1.16 .07 .38 .14 .10 .18 .55 .73 .01 .81 .02 1.00 .50 .05 .02 .20 .08 .15 .66
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KENTUCKY JUNE 1949

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DECEMBER 194B												Ţ					_							
LONDON POST OFFICE	-	-	-	-	-	-	-	-	-	-	1	st-	-	-	-	-	-	-	-	-	-	-	-	-
MAD1SONV1LLE								.06	. 20	.09	.07 .01	th- 1 .02	.01											.46
MAD1SONVILLE	-	_	-	-	_	-	-	_	_	-	14	ł <u>th</u> –		_	-	_	_	-	_	_	_	_		
MAD1SONV1LLE	_	_	_	_	_	_	_	_	_	-	_16	ith-	_	_	_	_	_	_	_	_	_	_		
MAD1SONV1LLE	_	_	_				_				-18	Bth-					_							
WAD I SONVILLE											-24	ith-						-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-25	-  -	-	-	-		-	-	-	-	-	-	-	-
MAD 1SONV 1LLE	-	-	-	-	-	-	-	-	-	-		-   -   -	-	-	-	-	-	-	-	-	-	-	-	-
MAD1SONVILLE	-	-	-	-	-	-	-	-	-	-		1-	-	-	-		-	-	-	-	-	-	-	-
WAD I SONVILLE	-	-	·-	-	-	-	-	-	-	-		th-	-	-	-	-	-	-	-	-	-	-	-	-
LONDON POST OFFICE	-	-	-	-	-	-	-	-	-	-	3	lst–	-	-	-	-	-	-	-	-	-	-	-	-
JANUARY 1949											-1	lst-												
MAD ISONVILLE RAYWICK	-	Ξ	Ξ	=	Ξ.	Ξ	-	Ξ.	-	=	: :	-	-	Ξ	Ξ	Ξ	Ξ	=	=	Ξ	-	Ξ	=	=
BENTON						,					-2	2d 							.01	.02	.04	.03	.02	.12
BENTON MIDDLESBORO C1TY HALL							.02	.01	.01	.02	—3 .os	3d-	.02	00	.01						.01	.05	.02	.11
							.02	.02	.01	.02		  th-												
BENTON MIDDLESBORO CITY HALL									.01		.03 .04	.19	.01	.01	.03	.10	.05	.05	.03	.09	.04	.06	.04	.75
BENTON MIDDLESBORO CITY HALL	.02	. 17	.21	.10	.19	. 20	.20	. 20	.23	.23	-5 .12 .23	th-	.01											.02 2.45
MIDDLESBORO CITY HALL		.02										2th-												.02
BENTON	.01				.05	.09	.01	.01	.01		-le	 Sth		.02	07	,13	.10	.12	.07					1,15
	.02	.00			.00	.03	.01	.01	.01			th-	.01	.02	.0.	,13	.10	.12	.0,				П	
BENTON MIDDLESBORO CITY HALL							.07	.0В		.03	.02										.01	.02	.06	.09
BENTON MIDDLESBORO CITY HALL				.10	.06	.04	.07	.04			.02	Sth-		.02	.40	.05							.03	.80
MIDDLESBORO CITY HALL	.13	.04									-19	th-												.17
BENTON					02	O.F.	07	00	07	06	-2	lst—		0.0	02									
MIDDLESBORO CITY HALL					.03	.05	.07	.09	.07	.06	.06 .05		.05	.0B .20	.03	.06	.07	.05	.07	.10	.11	.10	.09	.67 1.49
MIDDLESBORO CITY HALL	.06	.07										2d- 												.13
BENTON MIDDLESBORO CITY EALL						.01	. 10	.13	.01		-2	3d-					.04	.01	.11	.03				.45
BENTON			,02	,02				.01			-24	th-	.05	.32	.09	.15	. 13	.01						.87
BENTON		0.5					0.6			01	-25								05	90	03	12	07	.66
DENTOR		.01	.02	.03			.04	.05	.03	.01					.04	.03	.02	.03	.05	.0B	.02	.13	.01	.00

Table 4-Continued

# HOURLY PRECIPITATION

KENTUCKY

JUNE 1949

				A	М Но	ur end	ing									P	М Но	ur end:	ing					
Station	1 2	3	4	5	6,	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total

DELAYED DATA

									DEL	AYED I	DAIA														
JANUARY 1949 CONTINUED												2	6th-						T		_				
BENTON MIDDLESBORO CITY HALL		.01	0.			.0	1 .02	.04	'			.0	.02	.03	.03				.01	.03		.04	.01	.02	
BENTON WIDDLESBORO CITY HALL	,02	.06	. 01	-	.01	. 0:	5 .09	,05	, 10	.05	.0	-2	7th	.02	.04	.05	.01	.17	.07	, 10	.16	.03		.07	.91
WIDDLESBORO CITY HALL	.01	.05	.0:									-28	3th-	-											.08
BENTON MIDDLESBORO CITY HALL												-30	Oth-	-						.01	.05	.02	.02	.04	.08
BENTON MADISONVILLE WIDDLESBORO CITY HALL RAYWICK	.05	_	-	-	-	-	.03	-	-	-	-	-3: - -	lst— - -	-	-	-	-	-	-	-	- 1	-		-	.18
FEBRUARY 1949												<b>-</b> 1	o+_												
MADISONVILLE RAYWICK	-	Ξ	=	Ξ	1	:	Ξ	-	-	=	-	-1	=	Ξ	-	Ξ	Ξ	-	=	Ξ	=	=	=	=	Ξ
BENTON DAYELLA ENTUCEY DAM LOUISVILLE WB CITY LOUISVILLE BOWMAN FIELD											.01	-3 .01				.19	.16	.13		.16 .01 .03	.02	.07	.01	.03	.71 .06 .60 .35
BENTON DAYELLA LOUISVILLE BOWMAN FIELD	.01	.01	.01		.03	.06	.01				.03		th—												.02 .14 .02
DAVELLA	.07	.06										-7	th-												.13
DAVELLA										.02	.01	10 .01													.05
BENTON DAVELLA ESNTUCKY DAM LOUISVILLE BOWMAN FIELD LOUISVILLE WB CITY	•	٠	٠	•	•	٠		*	.10	. 19	.02	-13 .09	.20 .02	* .05	.04 .04 .05	* .01 .01 .05	* .01 .09 .01	* .11 .02 .01	* .03 .02 .02	* .01 .06 .06	* .30 .07 .07	.39	.21 .14	* .12 .14 .11 .13	* .15 2.13 .61 .65
BENTON DAYELLA ENTICKY DAN LOUISVILLE BOWMAN FIELD LOUISVILLE WE CITY	* .04 .16 .13 .12	* .11 .25 .18 .17	.05 .45 .13	* .15 .41 .23 .25	.16 .30 .24	* .17 .50 .09	5.04 .11 .10 .06	.04 .25 .08 .03	.12	.22	.04	-]4 .02 .12 .30	th-	.02	.05	.04	.03	.01	.02	.02				.30	5.17 1.45 2.67 1.39 1.57
BENTON DAYBILLA ERNTICKY DAN LOUISVILLE BOWMAN PIELD LOUISVILLE WB CITY	.01	.54	.02 .04 .37 .36	.08	.01 .09	.01	.02	.02 .02 .05	.03 .04 .02	.05 .01	.07 .01 .05 .03	-15	.10 .09 .04	.02	.09	.11	.05	.02	.02	.01	.01				.86 .61 .20 .98
DAVELLA	.01	.01						.01			.01	-l6	th-	.01	.02	.02	.01	.01							.15
BENTON DAVELLA KENTUCKY DAM LOUISVILLE BOWMAN PIELD LOUISVILLE WB CITY			.02		.02	.03	.02 .04 .01	.02 .01	.05 .02 .03	.10 .03 .09	.07 .05 .08	-19 .02 .06 .01 .03	.02	.06	.05	.03	.04 .04	.03	.01				.03	.07	.04 .74 .12 .58
DAVELLA LOUISVILLE BOWMAN FIELD	.01	.05	.05	.04	.02	.02	.01				-	-20	th-												.18
DAYELIA LOUISVILLE BOWMAN FIELD LOUISVILLE WB CITY									.01	.02	.01	-22 .02	d- .02	.01	.02										.08 .02 .02
BENTUCKY DAM								.02	.04	.03	.09	24	h-												.26
BENTON ENTUCKY DAN LOUISVILLE BOWMAN FIELD							totes fol		.09	,10	.09	-27		.03		.02	.02	.04	.04	.01					. 28 .09 .17

KENTUCKY JUNE 1949

					A.	M. Ho	ur end	ing									P. 1	M. Ho	ır endi	ng					78
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	P.

DELAYED DATA

			_						_					- 1										
FEBRUARY 1949 CONTINUED																								.16
LOUISVILLE WB CITY											_	 -28th	-		.03	.04	.07	.01	.01					.16
MADISONVILLE RAYWICK	=	=	-	Ξ	Ξ	-	Ξ	=	-	Ξ	Ξ	=   =	Ξ	-	Ξ	=	-	=	Ξ	-	=	-	-	=
APRIL 1949												-lst-												
SADIEVILLE WATER WORKS	-	-	-	-	-	-	-	-	-	-		-   - -5th-	_	-	-	-	-	-	-	-				
BARBOURVILLE WATER WORKS BENTON KENTUCKY DAM LOUISVILLE BOWMAN FIELD SADIEVILLE WATER WORKS							.02			.01 .03 .05	.05 .03 .01 .05	.16 .1 .01	12 .09 04 .01 03 .08	.09 .03 .02	.05	.01 .03 .06	.01	.02	.01	.02		.02	.02	.62 .05 .02 .25 .55
BARBOURVILLE WATER WORKS KENTUCKY DAM LOUISVILLE BOWMAN FIELD SADIEVILLE WATER WORKS	.02	.01										-6th											.02	.02 .02 .03 .03
BARBOURVILLE WATER WORKS EENTUCKY DAM LOUISVILLE BOWMAN FIELD SADIEVILLE WATER WORKS	.01	.04	.01	.01 *	.01 *	.02						-8th												.02 .01 .07 .02
BARBOURVILLE WATER WORKS	.01	.01	.04	.14	.03			.01																.24
BENTON LOUISVILLE BOWMAN FIELD												-10th	.02	.01	.02			.04	.08				.02	.14
BARBOURVILLE WATER WORKS BENTON KENTUCKY DAM LOUISVILLE BOWMAN FIELD SADIEVILLE WATER WORKS	.05	.05	.05		.01	.08	.11	.25	.05	.03	.09	.03	01 .01 04 .01 01			.01	.02		.03	.05	.07	.10	.02	.05 .66 .41 .27
BARBOURVILLE WATER WORKS BENTON ENTUCKY DAM LOUISVILLE BOWMAN FIELD SADISVILLE WATER WORKS	.01	.02					.01		.01		-	-12th	-			,18	.05 .29 .21	.21 .30 .06	.15 .03 .02	.16	.01	.01	.01	.07 .83 .72 .43 .02
BARBOURVILLE WATER WORKS LOUISVILLE BOWMAN FIELD SADIEVILLE WATER WORKS	.17	.22	.01	.04		.14	.07	.01	.02	.04			.01 .0											.43 .31 .14
LOUISVILLE BOWMAN FIELD SADIEVILLE WATER WORKS	-	-	-	-	-	-	-	-	- 1	-	-	- 1411		-50	-06	-	-	-	-	-	-	-	-	- 56
BARBOURVILLE WATER WORKS LOUISVILLE BOWMAN FIELD SADIEVILLE WATER WORKS								.01		.01	.01						. OE		.09			.01	.01	.02 .12 .09
BARBOURVILLE WATER WORKS SADIEVILLE WATER WORKS	.05	.0B					.02					-18th												.15
BARBOURVILLE WATER WORKS ENTUCKY DAM LOUISVILLE BOWMAN FIELD SADIEVILLE WATER WORKS							.03					-21st						.01		.02	.01		.03	.02 .03 .08 .05
BARBOURVILLE WATER WORKS LOUISVILLE BOWMAN FIELD SADIEVILLE WATER WORKS	.01 .01	.01	.00	.07	.24	.01	1 .02		.01	.01		-22d												1.26 .05 .19
BENTON												-27t					.03	.01		.01			.02	.07
BARBOURVILLE WATER WORKS BENTON KENTUCKY DAH LOUISVILLE BOWMAN FIELD SADIEVILLE WATER WORKS	.02 .01 .06		.01		.11	.01	.02		.01		- 10	.05	.05 .4 .01 	2 .5	- 45	-	-	.04	05	-	-	.02	-	3.20 .05 .04 .94
BARBOURVILLE WATER WORKS					C		o notes f	(-1)i-	- 91-1	ina Inda		-29t	n-										.02	.02

KKMTUCKY

JULY 1949

<b>6</b>					A	м Но	ar end	ing									P	М Но	ar endi	ng					
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Tota

									DELA	YED DAT	'A												
APRIL 1949 CONTINUED BARROURVILLE WATER WORKS BENTON LOUISVILLE BOWNAM FIELD ABBIEVILLE WATER WORES	.01	.03	.03	.02	.01	.06	.05	.03	-	_	-3	Oth-					.02	.01					. 26
MAY 1949 MENTUCKY DAM ODISVILLE BOWMAN FIELD								.10	.17	.03	·]	st-		.02	.06	01 .0	1					-	.30
ERPTOCKY DAN  GOISVILLE BOWHAN FIELD  GOISVILLE BOWHAN FIELD		.10	03		01	. 17		.03				th-	.02			22 .09	.01			.63	. 23		.29 .57 1.35
CUISVILLS BOWMAN FIRLD	.10	.03	,03		.01	.01	.18	.31	.08	.08	-15	Sth-	.40	.02		18							.42
ERFUCKY DAM	.23	.08		.01		.01						oth- Oth-	.09	9						, 53	.07		.78
OUISVILLE BOWMAN FIELD OUISVILLE BOWMAN FIELD ENTUCKY DAN OUISVILLE BOWMAN FIELD	.01	.01		_				.05			-2	2d <b>-</b> 4th-											.43
ENTUCKY DAN	-	-	-	_	_	-	_	-	-		-25 - <u>2</u> 6	th—			-	-	-	-	-	-	-	.06	06
OUISVILLE BOWMAN FIELD	-	-	-	-	.04	14	-	-	-		-27 -30	-		-	-	-	-	-	- }	-	-	-	18

# DAILY TEMPERATURES

KENTUCKY

Table 5									Т	)A.	IT')	-	Er	AP.	LK	ΑI	UI	LL	<b>-</b>													JUNI	E 194
Station				_	,					_						Day	of m	onth		_													e gu
Sid Co		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
ANCSORAGE	MAX	84	88 57	91 61	92 61	89 63	87	85 57	70	82	89	85	80	82	80	71	71	75	77	87	89	85 63 94	87 64 92	88	87	85	82	85 68	88	87 69	92		
ASHLAND DAN 29	MAY	84 55 85 51 86 56 85 53 85 56	85 49	88	87	91	87 50 90 56 88 48 83	87	70 55 85 52 83 56 87 53 78 54	82 49 80 50 80 54 83 54 86 55	89 66 89 51 83 63 96 58 80 70	85 65 91 67	66 86 68		68 86 66 79 63 88 67 80 69	71 65 85 69 74 60 80 70 79 65	65 89 66 72 57 87 63 76 62	64 80 63 80 59	77 64 83 62 79 60	87 62 86 64 85 58	89 83 81	94	92	88 58 88	87 61 89 57 80	85 68 86 63 90	82 71 82 74 92	93 70 86	88 68 88 70 94	89 71 93	69 82 70 92		84.0 62.7 88.1 61.7 86.8
SEAVER DAM	MIN MAX MIN	86 56	85 49 92 53 85 51 87 55	88 54 94 56 90 55 89 56	87 54 93 59 91	91 56 90 62 92 45 86 60	88 48	87 54 89 54 88 53 85 56	83 56	80 54	83 63	85 63 95 61 97 68	86 65 95 63 82 68	85 65 85 65 85 65 90 68	79 63	74 60	72	80 59	79 60	85 58	66 87 61	68 87	71 86	57 88		90							
SENHAM	MAX	85 53	85 51	90 55	91 50	92 45	83 54	88 53	87 53	83 54	96 58	95 61	95 63	85 65	88 67	80 70	87 63	67 55 79 60	85 60 82 63	90 64 87 65	90 59 88 64	91 63 86 88	89 65	88 60 88 57	91 61 91 65	93	91	90	87 70 91 71	89	90 66		88.0 60.2 86.2 63.8
SEREA COLLEGE	MAX	85 56	87 55	89 56	50 91 61	86 60	54 84 55	85 56	78 54	86 55	80 70	97 68	82 68	90	80 69	79 65	76 62	79 60	82 63	87 65	88 64	86 88	65 84 70	88	91	93 69 89 72	91 65 87 74	90 70 85 71	91	89 65 90 67	93 68		86.2
SOWLING GREEN WB AP	MAX MIN MAX	85	91	93	95	91	88	91	85	85	83	85	86	82	77	71	76	ş				86	88		1	1				1			
BURGIN DIX DAM	MAX	88	92	93	93	65 88	55 86	63 88	84	57 89	67 88	67 87	70 87	69 85	68 82	65 76	63 73	64 78	62 83	63 89	67 90	66 87	65 86	61 89	68 94	72 89	70 89	69 85	68 94	70	70 94		65.0 87.3
CAMP8ELLSVILLE	MIN	88	91	93	93	80	88	91	84	89	85	68 85	70 88	86	88 76	73	64 79	77	65 80	83 63 89 68 88 82	65 84	68 88	69 87	59 90	63 92	88 72 89 62 89 72	75 85	63 83	63 93	69 90	68 94		63.9 86.6
CORBIN	MIN	85	86	87	89	86	88 55 86 52 88 63 87 57	89	79	88	90	85	85	89	88	86	77	84	83	91	61 92	92	70 89	68 91	64 95	72 91	70 87	67 85	67 82	68 92	68 89		63.8 87.6
COVINGTON WB AIRPORT	MAX	85 61 88 56 88 55 85 54 87 62	91 59 92 57 91 56 86 55 91 61	93 62 93 58 93 59 87 54 92 64	95 64 93 62 93 61 89 56 93 65	91 65 88 68 80 65 86 64 87 65	85 51	91 63 88 59 91 56 89 59 81 62	85 61 84 57 84 66 79 58 74 52	85 57 89 55 89 53 88 54 86 49	83 67 88 64 85 64 90 64 86	85 67 87 68 85 66 85 66 78 64	86 70 87 70 88 67 85 67 82 67	82 69 85 69 86 67 89 66 82 65	77 68 82 88 76 66 88 67 82 68	71 65 76 69 73 64 86 66 73 64	63 73 64 79 60 77 64 74 63	80 64 78 65 77 61 84 63 79 61	82 62 83 65 80 63 83 59 81 63	91 63 91 65	87 67 90 65 84 61 92 62 90 65	66 87 68 88 64 92 67 83 66	65 86 69 87 70 89 69 84 66	90 61 89 59 90 68 91 60 86 60	90 68 94 63 92 64 95 66 90 65	91 71 85 70	92 70 89 75 85 70 87 70 88 70	87 69 85 63 83 67 85 69 83 70	92 68 94 63 93 67 82 67 95 71	92 70 92 69 90 68 92 70 87 68	93 70 94 68 94 68 89 67 94 73		86.5 65.0 87.3 63.9 86.6 63.8 87.6 63.1 85.0 64.1
DANVILLE	MAX MIN MAX	85	85	89	90	91	85	85	88	77	86	85	84	81	83	1	73	1							1			ì			1		
FARMERS	MAX	85	87	88	87	88	88	88	82	74	90	89	85	81	85	83	80	72	84	88	90	91	91	59 87	90	93	75 81	69 93	84 70 88	93 67 92	85 70 91		84.1 64.4 86.7
FORDS FERRY DAM 50	MAX	83	90	91	87	89	85	89	85	87	79	86	86	83	80	71	75	83	84	86	87	85	87	90	91	89	90	89	93	92	93		59.1 86.2
FRANKFORT LOCK 4	MAX	89 55	91	93	94 59	95 63	90	88	88	78	88	88	84	84	85	84	75	75	78	83	89	89	87	87	91	94	89	90	86	95	93		87.3
GREENS8URG	MIN MAX MIN MAX MIN MAX MIN	85 56 85 48 83 62 89 55 81 58	85 58 87 49 90 62 91 55 86 58	89 60 88 50 91 64 93 57 90 61	90 65 87 51 87 65 94 59 91 63	91 66 88 61 89 61 95 63 91 66	85 61 88 51 85 62 90 53 88 56	85 59 88 50 89 60 88 57 86 60	88 54 82 50 85 58 88 56 88 59	77 52 74 44 87 58 78 51 81 55	86 60 90 58 79 68 88 57 90 60	85 68 89 64 86 68 88 67 88 66	84 68 85 62 86 69 84 66 84 69	81 65 81 63 83 68 84 66 85 64	83 89 85 67 80 87 85 68 84 70	77 66 83 63 71 58 84 70 74 67	73 62 80 63 75 59 75 64 73 62	72 62 72 60 83 60 75 63 74 63	75 63 84 58 84 62 78 63 77 64	78 67 88 62 86 65 83 64 78 63	85 66 90 60 87 86 89 65 88 64	89 68 91 63 85 68 89 65 88 65	85 71 91 68 87 60 87 70 85 68	85 59 87 50 90 64 87 59 85 60	86 65 90 67 91 65 91 60 88 63	91 70 93 70 89 68 94 63 92 69	87 75 81 68 90 69 89 73 88 74	85 69 93 77 89 69 90 71 85 68	93 70 86 70 81 69	92 70 95 69 91 70	93 72 93 70 92 71		64.6 87.3 63.0 85.0 64.2
GREENVILLE 2 W	MAX				1			1	1	1		1		1		1	1		1				1				89						
HEIDELBERG LOCK 14	MAX MIN MAX MIN	87 60 84 50 84 64 84 49 80 62	90 57 84 50 89 60 87 48 88 59	90 60 87 52 93 62 87 48 90 60	87	88	87	85	87	87	86	88	81	79	84	83	80	72	81	63 85	87	65 89	88	87	65 88	93	67 88	70 88	72 85	70	93		64.4 85.7
HENDERSON 4 SW	MAX	84	89	93	92	89	86	87	83	87	81	87	85	82	80	72	72	81	83	84	85	84	86	87	90	88	89	88	92	93	92		59.5 85.7
HINDMAN SETTLEMENT SCH	MAX	84	87	87	87	90	87	86	88	79	90	88	85	75	88	84	89	69	83	85	90	89	87	86	90	95	87	87	87	88	91		86.3
HOPKINSVILLE 2 E	MIN MAX MIN	80 62	88 59	90	89 62 87 52 92 65 87 47 89 63	89 65 88 53 89 67 90 50 86 65	84 53 87 54 86 59 87 54 85 58	88 58 85 53 87 62 86 50 87 60	83 60 87 53 83 59 88 52 83 62	89 57 87 47 87 67 79 40 85 61	81 68 86 49 81 67 90 60 80 63	86 67 88 61 87 67 88 61 84 66	85 70 81 64 85 68 85 62 82 69	82 70 79 64 82 69 75 64 83 68	80 68 84 64 80 69 88 65 80 69	70 65 83 64 72 63 84 63 72 67	74 63 80 64 72 59 89 65 70 61	79 64 72 61 81 64 69 58 79 61	79 66 81 59 83 66 83 60 80 65	84 63 85 60 84 65 85 64 81 64	87 64 87 63 85 66 90 64 84 69	85 65 89 63 84 67 89 64 83 65	86 68 88 67 86 67 87 64 85 68	88 60 87 57 87 62 86 59 85 62	90 65 88 57 90 64 90 63 88 67	93 62 88 73 95 69 89 72	67 88 69 89 71 87 66 88 69	87 70 88 69 88 70 87 65 85 68	93 72 85 69 92 74 87 69 90 70	90 70 91 67 93 69 88 68 95 72	91 72 93 67 92 74 91 70 90 72		85.3 64.4 85.7 59.5 85.7 66.0 86.3 59.4 84.2 65.2
IRVINGTON	MAX MIN MAX MIN	85 57	90 57	92	95 63	93	89	90	78	87	85	83	84	81	77	70	70	72	81	85	87	84	86	85	91	86	89	83	92	91	93		85.1
LEITCHF IELD	MAX	85 57 84 58 87 61 85 68	90 57	92 61 92 62 91 60 92 62 91 69	93	90	88	90	81 58	87	85	84	84	81 69 83 67 87 69 84 68	77	70	70	71	80	84	85	85	86	86	91 63 90 64 92 68 93	88	89	83 70 88 68 84 70 85	91	91	92		85.1
LEXINGTON WB AIRPORT	MAX	87 61	90 61	91 60	92 65	87 65	85 58	85 60	75 54	88 52	88	86	84	87	83	75 62	73	78	82	88	88	87	84	88	92	87	88	84	92	92	92		85.9
LOUISVILLE STAN WB AP	MAX	87 61	93 59	92 62	92 65	92 62	88 54	86 59	78 57	88 53	88 67	87 66	83 68	84 68	78	71	74	77	82 64	89	90	88	87	90	93	88	91	85	93	91	94		86.6
LOUISVILLE WB CITY	MIN	85 68	57 90 57 90 61 93 59 90 66	91 69	95 63 93 62 92 65 92 65 90 70	93 66 90 65 87 65 92 62 88 71	89 52 88 52 85 58 88 54 84 61	90 58 90 62 85 60 86 59 84 65	78 58 81 58 75 54 78 57 78 60	87 53 87 55 88 52 88 53 87 55	85 69 85 56 88 68 88 67 86 69	83 66 84 64 86 66 87 66 85 68	84 66 84 66 84 67 83 68 82 69	81 70	77 69 77 66 83 67 78 69 77	70 64 70 66 75 62 71 64 71 65	70 63 70 61 73 60 74 64 70 64	72 64 71 62 78 62 77 65 76 66	81 63 80 65 82 63 82 64 80 67	85 68 84 61 88 66 89 66 86 69	87 65 85 65 88 66 90 66 87 70	84 67 85 64 87 67 88 66 85 69	86 69 86 68 84 66 87 66 84 72	85 60 86 60 88 62 90 61 89 67	64 91 70	86 73 88 72 87 73 88 73 88 75	89 71 89 70 88 72 91 69 89 71	71 85 73	92 69 91 71 92 72 93 69 91 73	69 91 69 92 68 91 70 87 74	93 69 92 68 92 70 94 71 91 75		64.4 85.1 63.5 85.9 64.7 86.6 64.6 84.6 68.4
LOVELACEVILLE MADISONVILLE 1 SE	MAX WIN WAX WIN MAX	83 64 86 59 85 53 88	90 60 82 58 84 53 90	91 59	87 66 91 66 91 58 93	89 64 91 66 91 62 90	85 59 89 52 89 59 89	91 60 85 59 86 55 89	86 62 90 60 88 55 80	87 60 85 56 80 53 90	82 68 89 67 86 67 89	86 69 81 67 84 64 85	85 70 86 69 84 65 82	85 70 86 70 84 65 88	81 70 84 69 82 70 85	78 65 87 68 74 65 81	83 56 70 62 70 60 75	84 58 75 63 77 61 84	84 88 81 67 78 62 87	83 63 84 63 81 58 90	90 64 84 64 84 62 92	87 66 85 73 88 64 88	91 70 85 70 85 69 89	92 61 87 60 85 54 92	91 65 89 64 89 59	90 71 90 73 89 77 91	91 72 89 77 89 77 89	90 70 90 71 91 67 87	94 72 86 71 85 69 94	94 70 95 70 92 67 95	94 71 92 73 90 65 93		87.5 65.4 86.1 65.6 85.0 62.4 88.3
MANMOTH CAVE PARK	MIN	59	58	59 90 60 90 57 91	66	66	52	85 59	90 60	85 56	67	67	69	70	69	87 68	70 62	75 63	81 67	84 63	84 64	85 73	85 70	87 60	89 64	90 73	89 77	90 71	86 71	95 70	92 73		86.1 65.6
MANCHESTER	MAY	53	53	57	58	62	59	55	55	53	67	64	65	65	70	65	60	61	62	58 58	62	64	69	85 54	89 59	77	89 77	91 67	85 69	92 67	90 65		85.0 62.4
MAYFIELD 2 S	MIN	81 63	88 60	91 58	86 65	88 62	87 58	89 58	86 60	88 57	80 65	83 66	85 66				81 54								1								
MAYSVILLE DAM 33					1									83 66	81 65	76 63		86 57	83 64	82 60		86 64	90 67	91 62	90 66	86 67	89 69	89 67	93 70	94 67	91 68		86.3 63.2
M IDDLESBORO	MAX	51	51	53	53	55	58	53	53	53	44	47	64	64	65	65	64	59	79 59	58	90 64	64	86 64 90 66 89 71 90	85 55	93 57	93 70	60	90 69	86 69	70	91 68		86.1 59.3 88.2 62.1 88.6
MOUNT STERLING	MAX MIN MAX	51	54	54	52	58	56	56	57	57	58	65	66	64	67	66	64	59	60	64	60	67	90 66	63	65 65	71	71	90 68	91 69	69	91 67		62.1
MURRAY	MIN MAX MIN	56	56	58	60	66	56	59	52	54	67	69	65	67	68	65	62	60	60	65	64	67	71	58	63	72	73	71	70	84	95 69		64.2
OWENSBORO	MIN MAX MIN	85 51 87 51 88 56 80 62 94 59	87 51 89 54 91 56 90 61 86 60	88 53 89 54 91 58 92 58 95 59	88 53 90 52 92 60 90 63 96 64	89 55 89 58 90 66 90 63 96 68	91 58 90 56 89 56 88 58 92 57	87 53 90 56 87 59 90 60 90 59	87 53 88 57 84 52 87 84 92 58	82 53 89 57 89 54 88 61 85 56	75 44 88 58 89 67 79 67 92 62	88 47 85 65 87 69 86 68 82 67	89 64 83 66 83 65 82 69 91 67	78 64 86 64 85 67 87 70 90 68	82 65 86 67 86 68 81 67 81 68	85 65 81 66 80 65 75 67 78 66	81 64 79 64 72 62 80 63 70 60	71 59 85 59 82 60 85 57 70 62	79 59 85 60 87 60 84 66 78 62	85 58 89 64 91 65 81 63 84 63	90 64 90 60 91 64 86 63 86 67	91 64 88 67 90 67 85 67 88 66	71	85 55 92 63 91 58 89 61 91 61	93 57 93 65 95 63 90 68 86 65	93 70 90 71 90 72 90 74 92 72	88 60 90 71 92 73 94 74 89 74	90 69 90 68 88 71 91 70 91 69	86 69 91 69 97 70 94 71 90 71	92 70 94 69 97 84 93 71 96 69	91 67 95 69 90 71 94 72		64.2 86.9 65.6 87.7 64.7
						1								68		66	60					66	86 69	61	65	72	74	69	71	69	72		64.7
PADUCAH NO 5 FIRE STA	MAX	85	78	90	91	90	89	87	90	87	86	81	86	84		72	78	82	84				87	90	90	92	89	93	90	95	95		86.8
PIKEVILLE	MAX MIN MAX	89 54	88 54	90 53	91	90	89 56	90 56	82 51	91	91 61	87 64	84 64	90 63	82 67	90 69	78 61	86 60	89 66	93 68	91	90 69	90 63	90 61	96 66	91 70	93 64	90 69	88 71	93	91 63		89.1 61.4
PRINCETON RICHMOND TEACHERS COL	MAX MIN MAX MIN	79 62	58	90 58	63	87 62	84 52	87 58	84 60	86 58	82 68	84 68	86 68	83 68	78 68	72 66	72 62	80 60	80 66	82 64	84 64	83 65	88 68	88 62	89 60	85 73	91 72	88 70	92 72	91	91 72		84.7 64.6
RICHMOND TEACHERS COL RUSSELLVILLE	MAX	89 54 79 62 86 54 87 65	88 54 88 58 85 53 85 60	90 53 90 58 86 54 90 63	91 49 87 63 85 58 95 65	90 47 87 62 90 64 94 67	89 56 84 52 86 53 89 55	90 56 87 58 84 55 96 62	82 51 84 60 83 51 90 63	91 48 86 58 75 50 86 62	91 61 82 68 86 64 86 65	87 64 84 68 87 65 82 67	86 68 85 66 88	90 63 83 68 78 64 95 70	82 67 78 68 85 66 85 68	90 69 72 66 83 65 80 67	78 61 72 62 81 61 72 65	86 60 80 60 74 58 75 63	89 66 80 66 79 60 85 65	93 68 82 64 82 64 80 65	91 66 84 64 87 63 85 65	90 69 83 65 89 66 87	90 63 88 68 86 70 86 70	61 88 62 84 55 89 62	96 66 89 60 87 62 92 67	70 85 73 92 72 91 72	64 91 72 88 72 91 76	90 69 88 70 88 69 92 69	71 92 72 85 70 90 72	93 70 91 70 92 65 94 72	63 91 72 92 68 94 74		85.0 61.9
HOUSEDEN I LEE	MAX	65	60	63	65 65	67	89 55	96 62	90 63	86 62	86 65	67	88 69	95 70	85 68	80 67	72 65	75 63	85 65	80 65	85 65	87 67	86 70	89 62	92 67	91 72	91 76	92 69	90 72	94 72	94 74		89.1 61.4 84.7 64.6 85.0 61.9 87.7 66.4
ST JOHN SETHLEHEM ACAD	MAX	86	84	90	91	91	88	80	86	78	86	86	84	82	81	75	70	72	71	81	84	85	84	83	88	91	87	88	82	91	91		
SCIENCE HILL	MAX	85 55	87 55	90	92	88	85	88	79	87	85 65	83	83	84	80	71	78 62	78	80	88 65	89	85 66	85 71	89 50	90	87	86	80	91	91 69 90 70 91	91		85.1
SCOTTSVILLE	MIN	86 55 85 55 86 62 87 56 81 49	84 55 87 55 90 58 88 57 86 53	90 60 90 55 93 60 92 60 87 56	91 60 92 57 94 62 92 62 88 56	91 66 88 65 89 66 94 64 87 54	88 50 85 57 90 55 89 52 86 58	80 56 88 61 92 62 85 54 87 60	86 58 79 58 83 61 87 53 83 61	78 56 87 55 85 59 78 50 87 55	86 59 85 65 85 66 89 53 87 64	86 66 83 67 85 66 89 66 82 61	84 66 83 67 86 70 85 67 80 65	82 66 84 68 83 68 84 67 86 64	81 67 80 68 79 68 83 68 82 67	75 65 71 61 71 66 79 66 84 64	70 62 78 62 79 61 72 63 77 64	72 63 78 63 81 59 73 63 81 63	71 60 80 63 83 64 78 63 79 61	81 63 88 65 85 62 81 61 88 63	84 64 89 63 89 67 88 64 88 62	85 65 85 66 87 65 88 65 87 65	84 69 85 71 89 70 86 66 87 67	83 59 89 58 91 59 85 60 89 61	88 63 90 66 92 67 88 61 92 66	91 71 87 72 90 74 92 62 88 69	87 74 86 72 92 71 87 73 90 73	88 69 80 68 82 68 89 69 84 67	82 70 91 70 94 72 84 69 90 69	91	91 68 91 67 93 69 89 70 90 67		83.9 63.1 85.1 63.7 87.0 64.8 85.8 62.5 85.8
SHELBYVILLE 2 W	MAX	87 56	88 57	92 60	92 62	94 64	89 52	85 54	87 53	78 50	89 53	89 66	85 67	84 67	83 68	79 66	72 63	73 63	78 63	81	88 64	88 65	86 66	85 60	88 61	92	87 73	89 69	84	92	89		85.8
WILLIAMSBURG	MAX	81 49	86 53	87 56	88 56	87 54	86 58	87 60	83 61	87 55	87 64	82 61	80 65	86 64	82 67	84 64	77 64	81 63	79 61	88 63	88 62	87 65	87 67	89 61	92 66	88 69	90 73	84 67	90 69	68 92 70 90 69	90 67		85.8 62.4
WILLIAMSTOWN	MAX	59	62	63	65	68	57	65	52	50	59	66	66	67	67	67	63	62	63	68	68	67	70	64	65	70	71	69	71	70	72		63.8
WOLF CREEK DAM	MIN MAX MIN	59 88 58	62 88 60	63 90 60	65 93 62	68 94 66	57 90 57	65 89 64	91 61	50 83 57	59 90 64	66 87 68	66 86 69	67 87 68	86 69	67 82 68	63 78 84	62 80 63	63 80 65	81 66	90 64	67 89 68	70 89 75	64 92 63	92 68	92 76	71 90 74	88 68	71 82 70	70 94 72	92 69		63.8 87.8 65.9

Table 5									Ι	)A	ILY	T	ΈN	ИP	ER	ΑT	UI	RE	S														TUCKY 1949
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	of m	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
													DKL	YKD	DATA																		
JANUARY 1949 BEREA COLLEGE FERRUARY 1949 MAYFIKLD 2 6 PIKEVILLE	MAX MIN MAX MIN MAX	29 22 39 7 41 26	42 25 43 15 49 21	49 39 41 25 59 21	65 45 41 32 53 44	63 40 40 25 53 30	43 30 57 23 70 26	58 34 51 19 56 30	56 47 66 30 71 25	69 53 60 27 59 38	70 47 44 27 52 34	65 40 55 19 51 25	43 34 63 40 70 26	44 33 64 47 73 41	53 33 66 37 68 56	68 38 69 36 74 48	70 47 50 26 50	47 36 56 24 55 30	73 38 59 33 65	69 26 54 41 55	42 20 52 35 66	48 32 64 37 70	51 40 80 41 68	82 41 66 28 53	89 60 58 42 65	65 45 55 26 55	56 28 55	84 47 58 40 58	83 32 40 20 44	32 17	26 10	29 22	54.4 38.1 54.5 29.6 59.2
MARCH 1949 BEKHAM BEIDELBERG LOCK 14 PIERVILLE APRIL 1949	MAX MIN MAX MIN MAX MIN	30 15 30 22 35 22	34 15 34 14 49 23	46 20 49 17 52 26	50 23 49 22 66 26	63 26 62 22 75 40	70 49 72 47 59 34	51 25 50 26 47 26	47 26 47 26 38 29	65 30 61 31 53 41	59 40 52 42 50 35	45 30 50 32 40 32	40 26 44 25	40 22 54 23	51 21 56 24	54 21 35 24	34 13 51 17	46 13 54 35	50 33 45 32	37 27 37 28 46 32	60 26 43 23 67 25	63 30 63 23 76 34	69 41 72 30 72 55	66 48 64 46 62 41	63 36 56 32 65 36	79 37 79 32 76 53	35 84 56	75 54	61 40	65 35	62 44	83 55	35.1 51.4 26.6 60.0 34.6
PIKEVILLE	MAX	56 44	63 42	54 41	65 36	62 41	62 37	66 38	63 36	67 36	66 32	66 48	72 50	73 55	63 51	72 42	43 30	62 27	63 41	61 35	74 30	60 45	79 50	78 44	62 36	60 32	84 39	65 59	76 46	71 45	64 53		67.9 41.4

PIKE MAT 1949

GREENSBURG

Table 6

EVAPORATION AND WIND MOVEM	MENT
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70 76 77 63 45 46 52 55

MAX 65 74 77 66 88 90 90 82 60 76 62 68 76 MIN 55 56 49 52 56 57 59 53 55 60 43 45 45

Station																Day	of m	onth																e n
Diation		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	Depart from normal
BURGIN DIX DAM	EAVD	.23	.19	.23	.10	.22	.36	.24	.27	.21	.16	.19	.11	.19	.09	,14 11	3	.21	.12	.25	.22	.21	.20	.25	.25	.31 16	.20	.17	.14	.22	.16		6.04B 215	
WOLF CREEK DAM	WIND	.13 14	.19	.24 21	.24	.25 16	.22	.27 15	.50 36	.19 16	.29 6	.0B 17	.17 26	.13		.13 5	14	.35 18	.11	.15 14	.25 12	.20	.22 39	.25	.26 20	.24 41	.23 36	.19 24	.16	.16	.20		6.37B 515	

# STATION INDEX

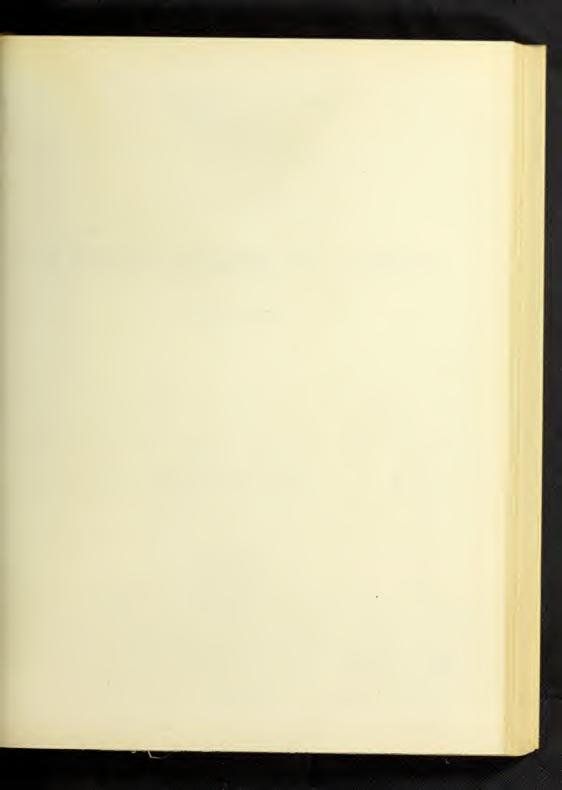
							Оь											Ob	er-			
Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip au	Observer	Refer to tables	Station	Index No.	County	Drainage 1	Lattude	Longitude	Elevation	Temp.		Observer		efer to bles
ADDISON OAM 45 ADDIDUS I N ALLEN ANCHORAGE ASECAMP	0043 0095 0155	BRECKINTIDGE ALLEN FLOYD JEFFERSON PIKE	1 7	37 55 36 39 37 35 38 16 37 18	86 34 86 16 83 43 85 33 82 26	600 650 700	7P	8A 7P	MARY S MATLIFF	3 4 3 4 3 3 3 5	LOGLICK 1 S LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWNAN FIELD LOUISVILLE STAN WB AP	4893 4943 4951 4954	CLARE LAUREL, LAWRENCE JEFFERSON JEFFERSON	3 1 7 7	37 51 37 08 38 07 38 13 38 11	84 02 84 05 82 37 85 40 85 44	1250 584 558 485	HID	RID	MES S BUNGHER H H HC HARSER HUSCHLL T WHEELER US WEATHER BUNEAU US WEATHER BUNEAU		4 .
ASHLAND DAN SY BARBOURVILLE WATER WKS BARDSTOWN BASS 3 3W BAITER HARLAN WATER WES	0438 0450	ENOX HELSON TAYLOR HARLAN	2 6 3 3	38 27 36 52 37 48 37 19 36 51	85 10 83 20	1000 637	79	7A 7A MID	MRS POPE SISCO CLAUDS CAVE & H KELS CYRUS S LAYSON	3 4	LOUISVILLE UPPER GAGE LOUISVILLE WE CITY LOVELACEVILLE LUCAS MADISONVILLE	4956 4967 5002 5062	JEFFERSON JEFFERSON BALLAND HARREN HOPEINS	3 3	38 17 38 15 36 58 36 53 37 20	85 48 85 45 88 50 86 03 87 30	479	7A 63P	6P 8A 8A	US ENGINEERS US VEATHER SUREAU SLAINE MALONE CECIL H SWITT ERASHER C SACON	CIT 3	4 5 4 OSED
EAVER OAM ENTAM ENTON ERSA COLLEGE ERSA WATER PORES	0611 0619 0624	HARLAN MARSHALL MADISON MADISON	9 4 4	37 25 36 58 36 51 37 34 37 34	84 18 84 16	1580 380 1070 1100	6P 8A 6P	8A 6P 7A	HENTON WATER WORES JAMES A GROSSMAN HRS L B GAPPARD	3 3 5 3 3 5 3 4 2 3 4 5 3	MADISORVILLE 1 BE MADROTH CAVE PARK MARKESTEE MATFIELD SUBSTA MATFIELD 3 S	5230 5233	CLAY GRAVES GRAVES		37 19 37 11 37 09 38 44 36 42		364 364	5P	8A 7A 50	J W MC COY GRANVILLE H LILES EARL HOVAND TVA MES JOE PAYME	2 3 3 3 3 3 3 3 3 3	4 S 6
OSTON 2 SW OWLING GREEN OWLING GREEN SUBSTA OWLING GREEN WB AP RENT DAM 36	0904 0907 0909 0978	CAMPBELL	3	37 46 37 00 37 01 36 58 39 03	85 42 86 36 88 26 86 26 84 25	470 535	1.8	7A 1A 7A	COMPS OF ENGINEERS	3 3 3 4 5 3	MAYSVILLE DAM 33 MC KINGTISHUNG HIDDLESDORO HIDDLESDORO CITT MALL BIDWAY 3 8	5301 5389 5394 5407	WOODFORD	14	38 38 38 36 86 37 36 36 38 07	84 42	1128	SP SP	SP HID RA	COMPS OF ENGINEERS AMARDA A AULICK HUNGS ALLER CITY OF HINDLESSOND JOHN H NUGERT	3	4
NEOWNSVILLE LOCK 6 SURGIN DIX DAM SURNSIDE CADIZ LOCK 8 CAMPBELLSVILLE	1127 1156 1206 1256	TATLOR	3 2 3	37 12 37 48 36 59 36 46 37 20	67 58 85 31	770 705 424 777	4P 6P	8A 7A 7A 6P	SARAH E LEWIS CORPS OF ENGINEERS ALVA MC XINGSY	3 3 5 6 3 3 2 3 5	MILLERABURG SILLERSTOWN MONTICELLO MORRERAD STA TRACH COL. MOUNT STEELING	5438 5524 5555 5640	DOURDON GRAYSON VAYEE ROWAN MONTGOMERY	5 5		84 51 83 26 83 57	930	50	8A 7A 8A 5P	MES ANT L POTTS MES O H LAWLER S O COOPER S C SAGGAN FRED CARTHULL SAM CRAMPOCK	3 3 3	4
CARROLLTON LOCK 1 CENTRAL CITY WATER WES CLINTON COLLEGE HILL LOCK 11 COLUMNIA	1439 1631 1704 1722	MADISON ADAIR	3 6 4 3	38 41 37 19 36 41 37 47 37 06	89 00 84 06 85 18	729		MID MID BA 7A	CORPS OF ENGINEERS CEN CITY WATER WAS WOODSON D FRANKLIN CORPS OF ENGINEERS WAS BAZEL S PICEPTY	3 4 3 4 3 4 3 3	MUNFORDVILLE MUERAY OLIVE HILL OLJEY OMEONTA DAM 35	5694 6012 6020 6033	MART CALLOWAY CARTER MOPEIRS CAMPBELL	7		84 18	752 380 497	en en	BA BA 7A	MURRAY WATER SYSTEM MRS W F FULTZ JR ART D WILLIAMS CORPS OF ENGLISHERS	3 3	4
CONSTANTINE CORBIN CORBIN MATER WORKS COVINGTON WE AIRPORT CYNTHIAMA	1801 1806 1855 1998	BRECKINGIDGE WHITLEY WBITLEY EXNTOR HARRISON	3 7 5	37 40 36 57 36 57 39 04 36 23	84 40 84 18	1178 1070 869 684	8ID	7A SID 7A	MARSHALL BILL	3 4 2 3 4 5 3 3 3 4 5 3	OVENSBORD DAM 46 PADUCAH BO 5 FIRE STA PADUCAH SCS HURSKRY PADUCAH TVA	6096 6115 6117 6119	DAVIESS DAVIESS DC CRACKER DC CRACKER DC CRACKER	7 7	37 46 37 47 37 05 37 04 37 03	88 33 88 33	348	53P 77P	7A 6A 7A	TIRGIL P CLARK CORPS OF ENGINEERS CAPTAIN FF WILLIAMS SOIL CONSERV SERV SOIL CONSERV SERV	3	4
DANVILLE DAVELLA DELPHIA DELA DUNDES HARRETTS FORD HE	2053 2131 2139 2358		1 4 1 3	37 39 37 48 37 02 37 25 37 33	83 07 82 46 86 43	1200 850 430	67	MID 8A 8A 7A	8 P COLDINON HEETHA DE LONG FARIS CRESS BATTIN H BARNEY J L HUFF	2 3 5 3 4 3 3 3 4	PAINTSVILLE PIEEVILLE PINEVILLE PLEASUREVILLE 3 5 PRINCETON	6384 6435 6575	JOHNSON PIRE BELL SHELDY CALDWELL	3	37 49 37 29 38 45 38 20 37 06	85 07	686 999 882 529	2A 5P	2A 7A 8A 5P	JESSE FAIRCHILD US WEATHER BUREAU F PARTIE E 8 MONGAN ALTOR H HARVILL	3 3 3 3 2 3	4
DUNWOR DUNVILLE EDDYVILLE LOCK F EDMONTON ELIZABETHTOWN WATER WES	2374 2445 2469	MUHLENBERG CASEY LYON METCALFE HARDIN	3 3	37 05 37 13 37 03 37 00 37 42	88 05 85 37	420		7A 7A 7A 7A	N D GIVENS LINNIN D TARTER THOMAS SMITH JOEN S BORAN BUD B JONES	3 3 3 3 4 3	MAYENNA LOCK 12 91CHMORD TEACHERS COL. HUNSEY LOCK 2 RUSSELLYILLE RUSSELLYILLE SUBSTA	6805 7039 7049 7054	ESTILL MADISON MC LEAR LOGAN LOGAN	3	37 40 37 44 37 32 36 51 36 50	86 54	1000 384 590 576	7A 7A	7A 6A 7A	COMPS OF ENGLISHERS COCKES OF ENGLISHERS OF ENGLISHERS OF S IIC RETROLDS	2 3	4
FALMOUTH FARMERS FLEMINGSBURG FLEMINGSBURG FORD LOCE 10	2791 2903 2908 2953	CLARK	5 5 4	38 40 38 09 38 25 38 25 37 53	83 33 83 43 83 44 84 13	668 870 4 750 5 593	4P	7A 7A 7A	JESSIE OLDHAM MRS C C STAMPER BYROW F FLEMING MAURICE O CAEPENTER CURPS OF ENGINEERS	3 3 5 3 3 4 3 4	SADIRVILLE WATER WORES ST JOHN BETTELERER ACAD ST MARY SALVISA LOCK 6 SALVERSVILLE	7091 7096 7121 7129	SCOTT HAND IN MARIOR MERCER HAGOFF IN	8 4 5	38 23 37 43 37 55 37 56 37 45	85 SS 85 23 84 49 83 04	730 520 900	40	7A MID 7A 7A	S W MULBERRY SISTER S M GUELL ST MARY COLLEGE COMPS OF ENGINEERS J H MAY	2 3 3 3 3 3	4
FORDS FERRY DAM 50 FRANKFORT LOCK 4 FRANKLIN WATER WORKS FREKLEBURG 4 SW GEORGETOWN WATER WORKS	3028 3036 3052 3194	CRITTENDEN FRANKLIN SIMPSON MENIFEE SCOTT	4 3 5 4	37 28 38 13 36 43 37 57 38 12	84 53 86 34 83 35 84 33	3 504 6 691 9 880	4P	6A 7A 8A 8A	HERMAN D NEAL, C JEROME HIKROHYMUS JOE W ATKINS	3	SCIENCE HILL SCOTISVILLE SERREE WATER WORKS SHELBYVILLE 2 W SUPPIREDSVILLE	7215 7234 7324 7334	PULASEI ALLEN WEBSTER SHELBY BULLITT	3 8 28	37 11 36 45 37 36 38 13 37 59	86 13 87 33 85 16 85 44	770 360 825 450	es.	5P 5P 5A 7A	WILLIAM H DORBS HORLE ALLEW SINGRE WATER WORKS WILLA S A RATTA COMMAND HARAMAN	3 3 3 3 2 3 3 3	
DEST LOCE 3 GLASGOW GODMAN AFBD FT ENOX GRANT DAM 38 GRATSON	3241 3280 3358 3391	HENRY BARREN BARDIN BOONE CARTER	7 7	36 25 37 00 37 54 38 59 38 19	85 46 85 51 84 41 H3 51	506 7 589		7A HID 6A 8A	COMPS OF ENGINEERS OSA L FOLLIS US AIM FORCE COMPS OF ENGINEERS SHIRLEY 1 STATEN	3 4 3 3 4 3 3 3	SMITHFIELD 4 S SOMERSET HIVAT DEPT SPRINGFIELD STEARNS STILLWATER	7507 7604 7677 7711	PULASKI PASHINGTON BC CREARY WOLFE	2 4	38 20 37 07 37 41 36 42 37 45	85 14 84 25 83 25	873 738 1420 1000		SA SA	F W SIMPSON L H SUTHERLAND WM S COATLEY C H CHITWOOD MRS E S HOLLAND	3 3 3	4
GREENSBURG GREENSBURG HIWAY 61 BE GREENVILLE 2 W HALEYS WILL	3435 3443 3451 3539	GREEN GREENUP WUHLENBERG CHRISTIAN	3 7 3 3		85 36 62 5 87 1 87 26	540 2 519 0 740	SP SP	7A 7A SP HID	MES MILL M LINGLE ERRNETH STOTTS COMPS OF ENGINEERS C M LOVELL CLEATUS M BRINKLEY	2 3 5 3 8 3 3 5 3 4	SUMMER SHADE SUBSTA TATHAN SPRINGS TATLORSVILLE TOMPRINSVILLE TOMPRINSVILLE TOMPRINSVILLE TOMPRINSVILLE	7924 7948 8060 8063	METCALPE WASHINGTON SPENCER MONDOE MONDOE	3	36 53 37 52 38 02 36 42 36 42	85 4	489 899 899			TYA H C DEDMAN HES EATHRIN S CARR JAMES T PHILPOTT HES ALICK B RALE TYA	3 3 3	4
BARTFORD 6 H BAZARD HEADQUARTERS EDIDELDERG LOCE 14 HENDERSON 4 3W	3709 3722 3741 3762	OHIO PERRY MICHOLAS LEE IDENDERSON	7	37 32 37 15 38 24 37 33 37 47	87 3	3 869 7 800 6 663 7 382	4P GP	7A 7A 6A 6P	W H CARSON SR S A BAILEY L H GAFFIN CORPS OF ENGINEERS FRAME STREET	3 4 INACTIVE 2 3 4 5 3 3 5	TORKEY CREME SCHOOL TYRONE LOCK 5 URIONTOWN DAM 49 VALLEY YIEW LOCK 9 VARCHRUEG DAM 33 WAYMENBURG 6 H	8179 6197	ANDERSON UNION CLAY LEWIS		36 45 38 02 37 46 37 53 38 38		524 7 357 5 571 1 525		6A 7A 7A	TYANG OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS	3 3 3	4
HERNDON HICESVILLE HIGH BRIDGE LOCE 7 HINDMAN SETTLEMENT SCH SODGENVILLE NAT PARE	3821 3837 3899 3929	CHRISTIAN LAWRENCE JESSAMINE ENOTT LARUZE	4 3	36 44 36 48 37 49 37 20 37 32	84 4 82 5 85 4	0 440 3 9 4	84	6A BA HID	C W ERATTS TVA CORPS OF ENGINEERS ELIZABETH WATTS C C SELF	3 4 3 3 2 3 5 3 4	WEST LIBERTY WATER WES WILLIAMSTOWN WILLIAMSTOWN WILLIAMSTOWN	8551 8706 8714 8724	MORGAN WHITLEY GRANT LEE MENSELL		37 22 37 53 36 44 38 38 37 36		939 943 646	eb eb	7A 7A 7A	JOHN W TURKER CHARLES H WEST MISS H B SIMPSON CORPS OF ENGINEERS	2 3 2 3 3 3 3 3	
HOPKINSVILLE 2 E SYDEM IR-INGTON JACKSON JENKINS WATER WORKS	4093 4163 4196 4241	CHRISTIAN LESLIE BEECKENRIDGE BREATHITT LETCHER	4 3 4 1	36 52 37 10 37 53 37 33 37 1	83 2 88 1 83 2 82 3	3 850 7 646 3 776 8 1600	75	7P 7A NID	W E MOMELS MES FOREST CAMPBELL FLOYD G ROBBINS ROBERT ROBERTSON ENTUCKY WATER CO	3 4	WOLF CREEK DAB WOODBURY LOCK 4	8807		3	36 53 37 11	85 00 86 30	504		74	PRANE L SLOODWORTH COMPS OF ENGINEERS	3 8	1
JERRHIAH BEEKE 2 N KENTUCKY DAM LANCASTER ICE PLANT LAURA	4369 4414 4629 4843	LETCHER  JESSAMINE LIVINGSTON GARRARD MARTIN	9	37 1 37 5 37 0 37 37 37 45	88 1 84 3 62 3	8 950 6 363 5 1032		7A 8A 8A	MARION W MARIE TERM VALLEY AUTH ERNTUCKY UTIL CO JAMES A PIELD	3 3 3 4 3 3												
LETTCHFIELD LEXINGTON WB AIRPORT LITTLE HICEMAN LOCK 8 LOCKPORT LOCK 3	4744 475:	GRATSON FAYETTE CASET JESSAMINE HENRY	3 4 4	37 28 38 02 37 21 37 45 38 26	86 1 84 3 84 5 84 3 84 3	6 979	30.00	6A HIE 7A 7A 6A	PALLIA L HARKLA	2 3 5 2 3 4 5 3 4 3 4 8												

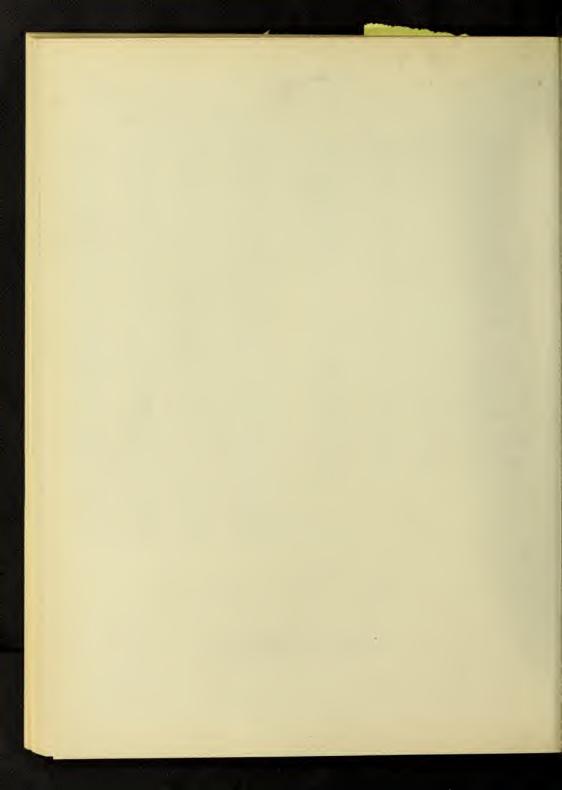
			1 - DRAINAGE BASINS		
1	Sig Gandy	4	Lestucky	8	Obio
3	Cumberland	5	Licking		Salt
3	Green	6	Mississippi		Tennessee

COMMUNITIONS

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Mat. Hist. Lib.

#### U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief

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JULY 1949

Volume XLIV No. 7





#### KENTUCKY - JULY 1949

O. K. Anderson, Section Director - Louisville

#### GENERAL SUMMARY

Warm weather continued from June into July with all sections reporting above normal readings. Temperatures were considerably above normal for the whole month with daytime readings generally in the low to middle 90's and nights in the 70's, except for the period of July 12 to 19, where near normal temperature prevailed. Relatively high humidity accompanied the hot days. A cool dry air mass overspread the state during the last two days of bringing in cooler and drier air.

Precipitation, as in the previous month, consisted of local showers and thunderstorms with the state as a whole reporting below normal amounts. Only the eastern division had more than the seasonal average and the heaviest falls were in the southeastern part of the state where amounts in excess of eleven inches were reported. Distribution was very irregular due to the varying intensities of the afternoon and evening thundershowers. In the last two days of the month, the southward movement of the cool air mass brought some locally moderate rain, mostly in the eastern two-thirds of the state.

The warm and fairly humid conditions of the first twelve days were favorable for crop growth, but general farm work was retarded in many areas due to wet soils. Some cultivation of corn and tobacco was accomplished although many fields were grassy and in need of tillage. Corn ranged from fair to excelent and tobacco fair to good. Cutting of wheat was accelerated with harvesting of other fall grains mostly completed. Pastures and grasses were generally good. Some grain in shock was reported as dammastly completed. Pastures and grasses were generally good. Some grain in shock was reported as damenarly postatoes taking place. Principal farm activities for the next week were haying, completion of early potatoes taking place. Principal farm activities for the next week were haying, completion of the grain harvest, and cultivation of crops. In some areas, hand cultivation was required where wet soils prevented the use of heavier equipment. Many fields of corn were tasselling with cultivation in the lowlands being hindered by wet soils. Tobacco condition was irregular, with most fields suffering from the protracted period of warm moist weather. The level of pastures was above average. Some damage again was reported to grain in shock.

The development of crops was above average in the following seven days but farm work was still delayed Haying and cultivation were the principal tasks. Condition of corn was reported as good to excellent, with early corn denting in most areas. Tobacco continued only fair to good with much plant disease reworked in the southwest. Most areas reported above normal growth of pastures. Damage from grasshopper infestation was reported in north-central counties. Dry topsoil was becoming general during the balance of the month and resulted in conditions favorable for general farm activities. Tobacco showed a slight improvement but conditions continued to be uneven. Early corn continued above average and late slight improvement but good, with many fields tasselling. Harvesting of early potatoes was near completion picking of fruits was in progress. Soy beans were good, and blossoming in most areas. Reports of crop damage diminished, being confined principally to that caused by grasshoppers.

On July 8, lightning struck a barn in the vicinity of Berea causing more than \$2,000 damages. Again on July 10th, at Lovelaceville, lightning caused a barn to burn. One person died and two cows were killed as a result. Flash floods also resulted from this storm in the western part of the same county.

#### TEMPERATURE

The mean temperature for the state was 79.5°, which is 2.5° above normal for the month. The monthl mean temperatures ranged from 82.0° at Russellville to 78.1° at Williamsburg. The highest temperature recorded in the state was 100° at Mount Sterling, on the 4th, and the lowest 55° at Science Hill of the 31st.

#### PRECIPITATION

The average precipitation for the state was 4.09 inches, which is 0.06 inch below normal for July. The total amounts recorded at various stations ranged from 11.53 inches at Corbin Water Works to 0.6 inch at Smithfield. The heaviest rainfall reported in any one day was 4.45 inches at Olive Hill of the 12th.

#### ACKNOWLEDGMEN

ACKNOW In addition to the climatological data from some 6,000 Meather Bureau and cooperative weather stations, this bulletin series contains records from Bydroclimatic Network Stations which were formerly reproduced in the Bydrologic Bulletin Series. The Bydroclimatic Network is a nationwide not of rain gages - mostly of the recording the Network is a nationwide not of rain gages - mostly of the recording his object of the companies of the comp

 $\$25,000\,$  per year to meet the increasing needs of their program in twestern States.

Previous to the introduction of this bulletin Series. data from Hydr climatic Network Stations were presented in bulletins (Hydrologica Bull tins) which were issued nonthly for each of a drainage are and to dethe entire United States. The Hydrological states with the state of 
Many other records published in this bulletin have been made availal through the cooperation of various public offices, private agencies, individuals as listed in the Station Index.

# PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

MENTILE R.
JULY 1949

	Sea les	el pressure	extremes-in	chee		Wind spe-	ed-m p h		Relativ	e humidity	averages_	percent	Sunshine	
Station *	Highest	Date	Lowest	Date	Average	Maximum	Drection of maximum	Date of maximum	130 e. E.S.T	7.30 e E S T	1.30 p. E S T	730 p. E S T	Percent of possible	Degree days
INGTON AIRPORT	30.25 30.22	23 23	29.81 29.77	14 14	6.9 5.5	32	=	20	89 86	88 86	61 60	73 66	74	0

ble 1

# COMPARATIVE DATA

iemie i		-																		
	1	emperati	re	P	recipitati	on		Т	emperatu	10	P	recipitati	on		Т	emperatu	re	P	recipitati	on
Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Āverage	Average	No. of days	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more
1889 1890 1891 1892 1893 1894 1895 1896 1897 1898	75.1 73.0 74.0 76.5 78.8 76.2 75.2 77.4 77.8	98 101 91 100 101 105 99 103 107 102	50 44 47 48 50 43 49 47 50 48	5.62 2.66 4.08 3.30 3.48 2.03 5.75 7.44 4.79 4.71	0 0	9 11 10 11	1912 1913 1914 1915 1916 1917 1918 1919 1920	76.8 79.9 78.8 75.7 78.6 75.3 73.8 79.5 75.2 81.1	100 109 109 102 102 100 103 104 99	53 48 43 49 52 50 46 50 44 52	5.50 2.54 3.20 5.30 4.17 4.38 3.28 2.10 3.83	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 7 6 11 9	1935 1936 1937 1938 1939 1940 1941 1942 1943	78.8 81.4 75.6 77.2 76.5 75.5 76.5 78.1 77.8	103 113 102 100 102 102 106 101 102	55 46 41 52 50 46 51 48 48	5.16 3.78 3.04 7.27 4.83 2.68 5.71 4.71 4.21	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 10 7 11 9 7 9 9
1899 1900 1901 1902 1903 1904 1905 1906 1907 1908	77.3 77.9 81.7 78.1 77.5 75.2 75.9 75.2 78.1 76.9	100 101 112 107 104 99 102 100 102 100	47 50 48 48 49 46 52 51 40 50	3.78 4.91 1.72 1.91 3.53 3.40 5.93 6.02 4.71 3.94	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 11 5 6 8 10 13 11 9	1922 1923 1924 1925 1926 1927 1928 1929 1930	76.4 76.8 73.7 76.7 77.6 75.7 77.0 76.7 80.5	102 99 99 105 107 101 100 101 114 104	47 44 45 46 43 45 50 46 45	2.65 4.77 3.59 3.63 3.93 4.36 3.71 4.07 3.97 1.25 3.85	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 9 8 8 9 9 9 8 9	1944 1945 1946 1947 1948 1949 PERIOD	77.5 75.2 76.1 71.6 77.1 79.5 77.0	103 104 100 102 103 100 114	45 46 45 40 46 55	1.93 3.33 4.23 3.84 5.04 4.09 4.15	0 0 0 0 0 0 0	6 8 9 10 12 10 9
1909 1910 1911	74.8 76.2 75.8	99 96 105	48 51 42	6.01 8.63 2.28	0 0	11 16 7	1932 1933 1934	78.5 77.0 81.2	103 106 110	49 47 57	4.31 6.05 4.36	0 0	8 10 10							

Table 2	,																	
				Temperat	ture		T						Precipitati					
		_					No. o	f days		-			Snor	w, Sleet, H	ail	No	of day	78
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
WESTERN DIVISION																		
FORDS FERRY DAM 50 GREENVILLE 2 W HENDERSON 4 SW HOPKINSVILLE 2 E LOVELACEVILLE	79.5 80.1 80.4 79.3M 80.3	2.3 0.9 0.2 0.7	95 96 95 93 95	9+ 29 29 8+ 4+	58 63 62 65 64	31 31 31 31 31 18+	19 19 18 17 19		1.63 1.82 3.54 1.54 3.01	- 1.12 - 1.98 0.33 - 2.31 0.34	.74 .65 .77 .64 1.24	8 9 16 8 10				10 9 8 5 9	2 3 6 3 4	1
MADISONVILLE 1 SE MURRAY OWENSBORO PADUCAB NO 5 FIRE STA PRINCETON	80.4 80.8 81.0 81.2 78.7M	1.5 3.1 0.8 0.1	94 95 98 96 93	2+ 8+ 29 1+ 29	62 66 59 63 65	18 31 31 31 31	22 23 26 21 9		2.97 4.65 2.06 4.49 1.47	1.39 - 1.24 1.06 - 2.00	1.60 1.63 .69 1.50	16 17 8 11 13				8 11 8 9 5	3 4 3 6 2	1 2 2
RUSSELLVILLE	82,0	3.8	97	5	62	31	26		4.52	0.24	1.03	31				8	6	1
DIVISION	80.3	1.5							2.88	- 0.53								
CENTRAL DIVISION																		
ANCHORAGE BOWLING GREEN WB AP BURGIN DIX DAM CAMPBELLSVILLE COVINCTON WB AP	79.3 80.6 80.9M 78.7 79.0	3.1 1.2 2.8	95 96 97 96 97	9 27+ 4 5+ 4	60 66 64 62 61	31 31 11 31 31	19 19 23 20 15		2.34 3.71 5.96 5.02 4.89	- 1.84 - 0.56 1.80	.80 1.22 1.57 1.28 3.21	30 30 8 16 21				9 8 12 12 10	3 5 7 6 3	1 2 2 1
DANVILLE	79.4	3.7	95 98	5+ 5+	63 62	11 11	17 22		3.92	- 0.49 - 2.76	.91	17 24				12 10	5	
FRANKFORT LOCK 4 GREENSBURG IRVINGTON LETTCHFIELD	80.5 80.6M 79.7 79.2	3.3 3.7 2.0 1.9	94 95 94	5+ 28 9	66 60 61	31 31 31	19 18		3.77 4.14	0.69 0.42	1.23 1.52	20 10				12 10	4 3	2 2
LEXINGTON WB AIRPORT LOUISVILLE STAN WB AP LOUISVILLE WB CITY MAMMOTH CAVE PARK ST JOHN BETHLEHEM ACAD	79.6 81.1 81.4 78.4 M 78.7	3.7 3.5 2.8 2.2 2.1	95 97 94 96 94	4 28 3 10 5	62 62 63 56	31 31 31 31 31	17 23 16 16 14		4.56 2.78 3.22 3.50 5.51	0.91 - 0.92 - 0.48 - 0.81 2.08	1.04 1.16 .95 1.23 3.95	14 20 20 10 17	т			12 11 7 13 7	6 3 6 5 2	1 1 1 2
SCIENCE HILL SCOTTSVILLE SHELBYVILLE 2 W WILLIAMSTOWN WOLF CREEK DAM	78.6 80.7 79.5 79.7 80.4	3.4 2.6 2.9	96 97 96 95 97	8 28 5 5+ 29	55 66 61 62 64	31 17+ 31 31 20	19 22 21 19		5.22 3.44 2.01 2.86 7.40	1.11 - 1.97 - 0.92	.96 1.03 .89 .85 1.67	10 18 16 21 17				11 13 10 12 13	8 4 2 5 8	1 2
DIVISION	79.8	2.8							3.98	- 0.25								
EASTERN DIVISION																		
ASHLAND DAM 29 BEREA COLLEGE CORBIN FARMERS REIDELBERG LOCK 14	80.2 79.0 78.8 77.11 77.9	3.5 2.6 1.8 1.7	99 95 96 95 95	6+ 4 4+ 10 29	63 63 59 58 64	11 11 31 11 3+	21 17 17 12 14		4.37 5.41 8.32 4.01 4.81	0.19 0.68 - 0.73 - 0.24	1.00 1.80 1.18 1.18	10 10 29 9 13				12 15 16 12 11	6 6 11 5 7	1 1 1
HINDMAN SETTLEMENT SCH MAYSVILLE DAM 33 MIDDLESBORO MOUNT STERLING RICHMOND TEACHERS COL	78.4 78.3 79.1 80.3 78.3	1.4 3.6 3.9 1.3	96 96 97 100 95	6 5+ 5 4 5	62 57 63 61 62	1+ 11+ 2 31 11+	20 19 17 23 16		2.70 3.63 7.66 4.81 4.22	- 0.82 2.76 - 0.13 - 0.11	.62 .85 1.71 1.46 .74	15 9 18 17 8				10 14 12 9 13	6 5 7 5 8	3 3
WILLIAMSBURG	78.1	1.0	94	5+	61	25	13		5,20	0.16	1.30	5				11	7	1
DIVISION	78.7	2.3							5.01	0.20								
STATE	79.5	2.5		1					4.09	-0.06								

Station	+-										_					of m																3
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	I5	16	17	18	19	20	21	22	23 2	4 3	25 2	26	27	28	29	30	31	<sup>D</sup>
ADDISOW DAM 45 ADOLPHUS 1 N R. ALLEN ANCISORAGE ASHCAMP	7			т	.08	1,26 .91 .10	.05 .62 T	.55 .16 .61	.62	. 14 . 45 . 45	. 62	.46	.76	.05 .18 .55	.62	. 22	.98 .25 .80 .02 .66	.10 .02 .35	.16	.62	.12		.61		.02	.02	.20		т	.80	.05 .85	1.94 4.47 7.65 2.34 6.70
ASHLAND DAM 29 BARDAWAYILLE WATER WES BARDSTOWN BAXTER HARLAN WIR WES BEAVER DAM	R			т	.95	. 17 . 10	.14	.40	.06 .16 .10	.99 .56 .57 .27	.06	.96		1.57	.55 .07 .26 T	.42 .06 .16	.66 .45 1.60 .60	.61 .43 .02 .66	.56	. 21	.63	.10			.14	.03	. 33		. 10	. 03	.24	4.57 6.38 6.26 6.52
BENTON BEREA COLLEGE BEREA WATER WORES BOSTON 2 SW BOWLING GREEN	R E . 02				.72		1.60 .46 .11	.02	.06	.22 1.00 .67	.01	. 17	I.11 .79 .06	.01 .75 .16 .12	.50	40	.01 .20 .68 .65	.05 .11 .38	.04	.02	. 69	.14				.03	. 58	.06 T	. 14		.II .36	5.80 6.41 4.31 2.81 3.06
BOWLING GREEN JUBSTA BOWLING GREEN WB AP BRENT DAM 56 BROWNSFILLE LOCK 6 SURGIN DIX DAM	Z				T	.06	.20	.07 .02 .42	.45	. 16 . 33 . 56 . 50	.24		.1I .12	.04 T	.11 T	.92	1.07 T .06 1.65	.02 .05 T	.27	.09	.68	.77		44	ì,	т				1.22	.39 1.51 .35 .35 .50	3.58 3.71 4.46 5.13 5.86
BURNSIDE CADIE LOCK K CAMPBELLSTILLE CARROLLTON LOCK 1 CLINTON	Z R					.70	.57	.03	.15	.70 .33 1.15 1.10	.50			1.44	.68 .07 .07	.03 1.28 .07	.70 .62 .41	.28	.45	.05	T .08			48	13	.16		.06	. 10	.96 T	.16	5.43 3.33 5.02 1.75 5.44
COLLEGE BILL LOCK 11 COLUMBIA LW COLLEGE CONSTANTINE CORBIN CAA CORBIN WATER WORKS COVINGTON WE AIRPORT	R				.36	.52	.25 .04 .01 .47	1.75	.28 T		1.20	.67	.10	.06 .48 .97 .78 T	.28	. 29 2.75 .03	.90 .05 .73	.40 .10 .70 .28	.25 .58 .76	,50 T		.03			95	66			1.80		1.04 T	3.8I 6.09 3.08 8.32 11.53
CYNTHIAMA DANVILLE DELPSIA DEMA DUNDER BARRETTS PRD BR	. 15	T				.12		2,42 .53	.18 T	.04	.70 .65	.34	T T .32	.07 .11 1.00	.85 .65	.02	.08 .21 .81 1.50 .46 .29		.12		.02	.03	.08			.11	.40		.08	.76 .03 .14	.58	4.89 5.48 3.92
DUNDES BREAKTIS FRO GR.  DUNYILLE EDOTVILLE LOCK F EDMONTON ELIZABETETOWN	R .08			. 29	.39		50	.13 1.14 .55 1.04	.07	.51 1.28	.30 .43 .15		.63	1.58 1.28	1	.10	.50 .36	.02 .40 .12	.25	.08	.85					.04			1.20		.25 .62 1.90	4.26 3.04 5.04 5.53 4.02 3.02
FALMOUTE FARMERS FLEWINGSBURG FLEWINGSBURG FORD LOCK 10			.05	. 29	.13	.08	. 19	1.57 .17 1.06	,13 1,18	.22 .18 .08 .20	. 11		.38 .29 .16	.04 .06 .08	.13 .12 .33	.06 .32 .69	.02 .08 .11 .14 .06 .33	.02 .76 .59	.14	. 23	.62	.02 T	04 T	44	45		.08 T			1.20		4.26 5.87 4.01 4.72 4.10
FORDS FERRY DAM 50 FRANKFORT LOCK 4 FRANKLIN WATER WORKS GEORGETOWN WATER WORKS GEST LOCK 3 2	2					.13	.09	.74 .02 .39		T .11	.07 .67 .59	.03	.41 T 1.02	.01	.24 T	.0:	.06 .06 .78	.07	1		.02			42 T			T		.03	.53	. I3 . 40	1.63 1.33 2.24 3.65 2.17
GLASGOW GRANT OAM 3B GRATSOW GREENSBURG GREENSBURG SIWAY 61 BR	.10			т	.27	. 10	.67 T .22	.55 1.18 T .40	.08	.15 .06 .93 .40	.96		.76		.27 1.70 .45 .25	.69	.35	.10 .41 .02 .35	.04		.19	.38 .	96 . C	08.	40		.50			1.10 .06		4.03 6.33 5.68
GREENUP OAM 30 GREENVILLE 2 W BALEYS MILL R HARTFORD 6 N HAZARD Z	Т					.10 T	T .26 T	.03 T .04	.65 .08 .26	.82	.03	T	.19 .46 1.18	.35	.03 .02 .35	.05	.45	.51		.40 T							.08		. 17	.18 1	.03	4.34 3.31 1.82 2.63 1.09 5.10
HEIDELBERG LOCK 14 HENDERSON 4 SW HERNDON R SICKSVILLE HIGS BRIDGE LOCK 7							.03 .17 .17 .76	.13	.41 .07 .37	.62	.84	т	1.18 T .96 .22 T	.26	.29	.77	.84	.07	.17	.63	. 12	Ī			т			. 20 T	. 38	. 10		4.81 3.54 1.81 3.82
SINDMAN SETTLEMENT SCS EODGENVILLE NAT PARK R SOPKINSVILLE 2 E IRVINGTON JACKSON					.03	.12	.09	.05	.13	.32	.25		.71 T	34	.62	1.32 T	.53	.55 .04 .40		.13	.12		28			11 24	.05	r		.05 .63		2.70 7.58 1.54 3.77 2.59
JENEINS WATES WORKS Z JERBHIAR KENTUCKY DAM LANCASTER ICE PLANT LAURA						. 28	.33	.30 .09 .17	T . 20	.31	.25 .93 .35	.10	.20 .17 .79 1.05	.43 1.20 T .34	.33 .95	.30	.97 .58 .20	.30 .48	.18				28			15 03			.50	. 10	.11	2.59 3.77 4.48 3.34 5.91 6.12
LEITCHFIELD LEXINGTON WB AIRPORT Z LIBERTY Z LITTLE SICKMAN LOCK S Z LOCKPORT LOCK 2						.09	.13 .69 .38 T	.07 .01 .24	T T	.52 .83 .41 .60	.77		,	1.00 1.04 .19 .07	.03 .08 .33	.39	.96	.12		.04	12 10 03		т			04			.01	.98 2.42 1 1.09		4.14 4.56 7.25 5.60 1.55
LOGLICK 1 S R// LOMDON POST OFFICE R LOUISA LOCK 3 Z LOUISVILLE DOWMAN FLD LOUISVILLE STAN WB AP Z					.45 .11 .20	.02	.79 .65 .38	.04 .12 .07	. 25 1	.01 1.06 1.25 .30	.32		.08 .85	.58 .92 .06	.05	.36 .79	.05	.21	.66	.34 .16 T	т	23	.2 .0 T	5	Т	54.		.08	1.50	.08		5.90 5.15 2.67 2.78
LOUISVILLE UPPER GAGE LOUISVILLE WB CITY R LOVELACEVILLE LUCAS R MADISONVILLE 1 SE					т	.10 .16 .10 1	.04 .30 .68 .00	.10	. 16	.05 .39 .24 .95	. 17		.02	.02 T	.36	.25 .47 .11	.51	.06 .05 .05		.95 .04 .27	57		. 2	т	Т					.51	. 28	2.12 3.22 3.01 4.03 2.97
MAMMOTH CAVE PARK MANCHESTER MATFIELD SUBSTA MATSVILLE OAM 33 MC KINNEYSBURG 8//						.04	.03 .38 .88	.31 .16 .23 .05	T .85	.23	.04 .43 .62 .15		.36	.33 1.18 .54		.03	. 39	. 21 . 89 . 08	. 26	.01 .	31 04 .	16	.6	1 T	.3	30			.75	.12	. 20	3.50 4.97 2.97 3.63 4.07
MIODLESBORO CITY HALL R MIDWAY 2 S MILLERSBURG R//	. 17						.01	.50		.20 .21 .39 .73		.32 .49		.46 .42 .05 1 .21 .48	.17 .06 .02	.02	. 20	71 27	.88 .75								31			.04		7.60 6.87 2.24 3.05 2.84
MONTICELLO MORBERAD STA TEACS COL R MOUNT STERLING MUMPORDVILLE Z MURRAY						1.	.22 .07 .26 .53	. 04	-		.05	.60 .89		.40 .19 .28	.35	.30 .07 .02 1	.60 .		.42	30		06	1.07					99	. 15	.05 .65 .04	3	6.34 7.46 4.81 -
OLIVE SILL R OLNEY ONEONTA OAM 35 OWENSBORO OWENSBORO OAM 46 Z					.03		02	.12 .69		.19 .86 .28 .58		.45	.16	.37 T		Η.	.02 . .10 .04 T	12 04 1			03 48 1.5 50	53 .1	.35			Т	02			.71 .32 1.	.18 5	8.94 2.30 5.52 2.06 1.75
PADUCAS NO 5 FIRE STA PADUCAH SCS MURBERY PADUCAS T V A PAINTSVILLE PINEVILLE Z		. 23				.07 1 .22 .29	31 33 20 67 63		. 22 . 02 r . 21	.05 1 .44 .20 .44 .32	. 35	35 1	.85	.57	68 1.	.71 .85 1.	81 77 15 1.	52	42 40 T	10 T	)1 T	T	. 34	T	T			03 43 01	. 14	.01 T		1.49 3.72 3.81 3.37 7.79

#### DAILY PRECIPITATION

KENTUCEV JULY 1948

Curr															Day	of m	onth															न्त
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	IS	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
PLEASUREVILLE 2 3 PRINCETON RAVENNA LOCE 12 RICHMOND TEACHERS COL RUMSEY LOCE 2 2						т	.31	.18 1.12 .74		.52 e .62 .05	.16		. 56	.07	.70 .22 .60	.01	.20 • .43 .83	.38	.17	.20 .40 1.40			.06				.41	т		10	.30	1.47 4.22 3.58
ROSSELLVILLE RUSSELLVILLE SUBSTA SADIEVILLE WATER WORKS ST JOHN BETELEHEM ACAD ST MARY							T.06	.94	.42 .47 T	.20	.91		1.50	1.12	.47		.01 .39 3.95	.04		.41	.05		.52				.03 T		.18	.28	1.03 .80 .05	4.52 4.48 5.51 5.23
SALVISA LOCE 6 SALVERSVILLE SCIENCE BILL SCOTTSVILLE SEBREE WATER WORKS				.03	.33		.32 .31 1.25	T .12 .95	.12	.96	.34	.82 T	.32 .21 .31 .06	.18	.71	.14 .21 .70	. 68	.02 .11 .70 1.03		.18	. 68		.11 T		.01	. 07		т	.37 T	T .05 .10 .22	2.10 .01 .20 .12	8.02 3.37 5.22 3.44 7.28
SHELBYVILLE 2 W SHEPEERDSVILLE SWITTHFIELD 4 S S SOMERSET HIWAT DEPT R SPRINGFIELD					.14		.13	.03 .07 .08	T .09 .04	.15 .01 .83 .25		.19		.02 1.60 1.43 .98	.03 .34	.89 .03 .04 .83	.21 .33 .04 .38 .90	.08 .09	.02	.09	.08						.25			.07	.18 .70	0.83
STEARNS R SUIGER BR'DF SUBSTA TATHAN SPRINGS R TATLORSVILLE TOMPKINSVILLE	06		.14		.13		.45	1.01	.02	.19	.91	.76		1.22 .27 1.18 .55	.35	. 23	3,52	.75 .19 .06	.20	.07 .15 .28	. 07					.42	.02	.14		. 18	.34	2.51
TOMPKINSVILLE TEL OFF TURKEV CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN DAM 49 2 VALLEY VIEW LOCK 9	20				.04	.32	.30 .59	.12	.16	1.00 .40 .80	.58		.25	.14	1.20	.45	.17	.03		1.58	.30 1.35 .02						т		. 25	٠	.08	2.99 1.20 3.18 4.28
VARCEBURG DAM 32 WAYNESBURG 6 E WEST LIBERTY WATER WEB WILLIAMSBURG WILLIAMSTOWN				т	1.30	.36	.06	.02	.05	1.03	T .30 .24	.65	.05	.36	.04	.21	.18 .81 .22 .68 .29	.38 .12 .21 .05	.08	.10	.11	т		.01	.21	.05	.22 .02	.13	.10	.07 .10 .38	.63	2.66 5.20
WILLOW LOCK 13 WOLF CREEK DAM Z WOODBURY LOCK 4 Z	75					.36	.23 .61 .05		.31	1.07	. 67		1.87		1.12		1.10 1.67 .96	.72 .93 .41		.18	. 20	.01								.18	. 28	

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state hasis. There will be no duplication of numbers within a State. Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too lats to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in 'P, precipitation and evaporation in inches, and wind novement in sizes. Evaporations is measured in the standard Neather Bureau type pan of 4 foot diameter unless otherwise shows by footnote following Table 6.

As of January 1, 1949, despoint values below 327, and relative busidity values at tamporatures below 3279, are expressed with respect to water rather than with respect to ics, as used prior to that date. Therefore, these bygresstric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

When bourly precipitation is missing or accumulated for eeveral days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, and 6 are for the 24 hours ending at time of observation. See the Station index for observation time.

- No record.
  And also liker dates.
  And also liker dates.
  And also liker dates.
  And also like the following measurement, time distribution unknown.
  Gage in equipped with a vindehield.
  Precipitation measured at 6-hourly intervale, no recording gage.
  Adjusted to All months.
  Adjusted to All months.
  Adjusted to All months.
  And the all months are adjusted to every 10 inches of new months are also as a constant of 1 inch water equivalent to every 10 inches of new months are the property of the all - One of any cays of record massing; see hans a low certained only station equipped with recording gage only. Storage precipitation elation. Precipitation ensurements, saids at publication.

  Trace, an assume too small to measure.

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JULY 1949

						Л	мн	our en	ding									P	мн	our es	ding					
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
													-3	3d-			Г									
ARROLLTON LOCK 1 LEWINGSBURG POST OFF DMPKINSVILLE	"/	-	-	-	-	-	-	-	-	-	-	.14	- -5	.03 th-		-	-	-	~	ľ	-	-		-	-	.03
DOLPHUS 1 M ARBOURVILLE WATER WKS EREA COLLEGE	12								1,18	.09	.01	.02			.03				. 88							1.28 .95 .72
DRBIN DMONTON LEMINGSBURG POST OFF	6										. 40	.01			*	•	*	٠	, 29							. 41
AZARD SIDELBERG LOCK 14 EXINGTON WB AIRPORT	1//										.02		, 12				. 20									.41 .13 .20 .02 .12 .25 1.22
TTLE HICKMAN LOCK 8 MGLICK 1 S	111											.37	, 06	.01	.01 1.14	.22 .07	.01	.01								. 25 1. 22 . 45
DOLPHUS 1 N KRROUNVILLE WATER WES KREA COLLAGE KREA COLLAGE KREA IN KREAN KREA									. 24	. 15	. 05	.06	.20		. 11											. 45 . 11 . 20 . 44 . 08 . 13
	//												-6	th-		00			.01		.01					.02
ETER HARLAN WATER WES SWION 1 SW INTON													.08	.12 .03 .01 .62	.03	.02	.01								. 01	.17
RDS FERRY DAM 50 ST LOCK 3	6							*	•	٠		•	.01	.01	.04	.01		٠	.07							.05 .02 .17
OLDFUS 1 N REGURFALLE WATER WAS ATTER MARLAY WATER WES ATTER MARLAY MARL	//											. 11	. 25	.06	.14	,02	.01			. 09	. 12					.12
DUISA LOCK 3 DUISVILLE BOWMAN FLD DUISVILLE WB CITY		-	-	-	-	-	-	-	-	-	-	-	- 82	- 17	-02	.01	-	-	-	.04	-	-	-	-	-	.04
												. 01	. 14	.93	. 12	.03	.02	,06	.04	. 10						.04 .10 .10 .18 .03 1.07 .05 .08 .06 *
LEVILLE LYERSVILLE DEERSET HIWAY DEPT THAM SPRINGS	//												.06			.03	.05									.08
ATTEMM SPRINGS KIONTOWN DAM 49 DLF CREEK DAM DODBURY LOCK 4	//												-7	th_	.54	.57	.02									. 54 . 58 . 04
DISON DAM 45 OLPHUS 1 N RBOURVILLE WATER WKS	//											. 30	1	.10	. 17			.01								. 40
RBOURVILLE WATER WES WITON 1 SW REA COLLEGE WLING GREEN WB AP										. 01			. 20		.81	. 06	.04	.01	.01	.01	.03					.03 1.50 .46 .20 .90
NSTANTINE RBIN	6						. 19	.01	.01				.03	. 67	.02											.90
RBOUBVILLE WATER WKS MYON 1 SW TRON 1 SW TRAN 1 SW REA COLLEGE WILING GREEN WB AP INTON MOTON MO	0				.04					. 13	.03	. 09	. 29	.01	.08	.04	.03	.06	.01	,01 .93	.01	•	*	•	•	. 15 . 93 . 79 . 40
ANALIN WATER WORKS LEYS MILL ZARD RHDON DGENVILLE NAT PARK KINGTON WB AIRPORT	//							. 15		.01	.01			.04	.04	.02						. 02				. 26
SKRTY	//													.04		.01	.14	.62 .01	.02	.03	.02	.01				. 69
MDON POST OFFICE DISVILLE BOWMAN FLD DISVILLE STAN W B AP DISVILLE WB CITY		-	-	•	-	-	-	-	-	-	-	-	-	-	.38		-	-	- 52	. 12	-	-	-	-	-	.15 .93 .79 .40 .26 .02 .17 .09 .20 .79 .38 .31 .30 .100 .19 .95 .95 .01 .146 .07 .61 .33 .84
DISONVILLE 1 SE TSVILLE DAM 33 KINNEYSBURG	//							.01	.01	.03			.54	. 40		.02	.03	.01	. 78	. 16	.71	, 09	,14	.01		1.00 .19 .95 .95
DDLESBORO CITY HALL LLERSBURG REHEAD STA TEACH COL EMSBORO DAM 46 DUCAH SCS NURSERY MSEY LOCK 2											. 54	.07					. 30	.76	.14	. 08	.01	.04				.01 1.46 .07 .61
MSEY LOCK 2 DIEVILLE WATER WORKS MARYS COLLEGE		-	-	-	-	-	-	- 17	.13	.02	~	-	-	.08	.02	. 69	.05	- 05	.01	-	-	-	-	-	_ !	. 33
MSET LOCK 2 DIEVILLE WATER WORKS MARTS COLLEGE LITERSVILLE EARNS THAM SPRINGS MPKINGSVILLE LY CREEK DAM DDBURT LOCK 4	//		÷	:	:		:	-		-	-	-	-	:	- * .33	.04	.31	.05	. 45	-	-	-	-	-	-	.06
													.02 –8t	h-	.33	.45										. 45
ATER HARLAN WATER WES WION 1 SW REA COLLEGE REIN VIRGTON W B AIRPORT LEYS WILL ZARD IDELBERG LOCK 14 RENDOW	6 8							. 02					.04	:14	.07	.02			. 72							.11
VINGTON W B AIRPORT LETS MILL ZARD	8	*	.09									.02	.02			.70	. 25	. 01								.04
KINGTON WB AIRPORT											.03		. 10	.26	.01	. 12	.01									. 96 . 40 . 13 . 01
BERTY PTLE HICKMAN LOCK 8	//					S	,			.01					.09											.01

See reference notes following Station Index

KENTUCKY JULY 1949

Station		_		-			M. Hou												-	r endi					
	1		2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
SLICK 1 S NDON POST OFFICE UISVILLE BOWMAN FLD UISVILLE STAN W B AP CAS	.0	1	-01	-	-	-	-	-	-	.01	-01	-	-	- .13 .08	-	-	-	-	-	-	-	-	.05	.02	-
ASSONVILLE 1 SE KINNEYSBURG // DDLESBORD CITY HALL REHEAD STA TEACH COL DUCAH SCS NURSERY MSEY LOCK 2	. 0	)1	.01	.02					.02	.01						.28	. 01	.03						.13	.33
ISEY LOCK 2 // YERSVILLE (ERSET HIWAY DEPT ONTOWN DAM 49 // ODBURY LOCK 4									.01	.01	. 02		-9	-h		.14	.01	.11 .07 .01	.01						
DISON DAM 45 // NLPHUS 1 N // BOURVILLE WATER WKS													- 3	.13	. 01	.08	.43	.01	.01						, 02
LIPON DAM 45 LIPON I N BOURVILLE WATER WKS LING GREEN WB AP STANTINE NALIN WATER WORKS EYS MILL												. 09	.10	.01		. 45	.08	.01	.01						. 09
ARD DELBERG LOCK 14 // DELBERG LOCK 14 // NDON GENVILLE NAT PARK LICK 1 S DOWN DOCK OFFICE													.01	.05		.31	.03	.18	, 20	.16	. 09				
GENVILLE NAT PARK LICK 1 S DON POST OFFICE IISA LOCK 3 VISVILLE BOWMAN FLD IISVILLE STAN W B AP ASS SISONVILLE 1 SE	-		-	-	-	-	-	.01	-	-	-	-	.06	.06	. 19 . 07	- .01	.08	-	-	-	-		-	.30	-
// SONVILLE 1 SS KINNEYSBURG // DLESBORO CITY HALL LEHBAD STA TEACB COL LIVE HILL ENSBORO DAM 46 DUCAH SCS NURSERY	. 0	01	, 02	. 01									. 39	.03		. 20		.22 .55 .21 .13	.10					. 14	.01
CEVILLE MARYS COLLEGE LYERSVILLE // ITHFIELD 4 S														.15	.16	.07	.02		.05		.12			.03	.01
ARNS EPKINSVILLE  F CRESK DAM  JOBURY LOCK 4	1		-	-	-	-	-	-	-	-	-		 1C	- uh	. 27	.01	_	.68	-	-	-	-	-		.02
OLPHUS 1 N // REOURVILLE WATER WKS									.10	.02		.06	.49 .02 .02	.03 .24 .03	.01	.01	.01		.01	.01	.05	.04	.01		.01
OLDHUS 1 N  ABOURVILLE WATER WKS  TYER HARLAN WATER WKS  TYON 1 SW  EAR COLLEGE  VIING GREEN WB AP  INTON		01				. 07	, 43	.03	.07	.02	.01		.32	.01	.01	.01 .21 .19			.07			. 05			
FIRST OF THE STATE		10		.02		. 08	.18	.01	.10	.05	.01	.48	.08	.06	.07	.02		. 04	. 08						
MINGSBORD POST OFF LOS FERRY DAM 50 LINKLIN WATER WORKS ST LOCK 3 LEYS WILL 'ARD // LDELBERG LOCK 14		08	. 02	. 01	. 03	. 02	. 37	.03	.01	.08 .01 .01	.45	.11	.01				.01	.02							
XINGTON WB AIRPORT BERTY TITLE BICKMAN LOCK 8 // SLICK 1 S NDON POST OFFICE UISVILLE BOWMAN FLD UISVILLE STAN W B AP UISVILLE WB CITY		01	.03 .01 .32	.12	. 12	.22	0.4	.04	.05 .34 .01	.13	.09	.13 .27 .25 .08	.32 .01 .01	.36	.03	.01									
YSVILLE DAM 33 //		11	. 27	.01		. 01	.23		.02	,13			. 02	.18		.70									
REHEAD STA TEACH COL	1.	07 01 01	.07	.01		.04	.04	.16	.01	.30 .50 .16	.01	.02	.03		05	.01			.07	. 06	.16	.02			
IVE HILL ENTSORO DAM 46 DUCAH SCS NURSERY KEYILLE DIEVILLE WATER WORKS MARYS COLLEGE LYERSYLLLE LYERSYLLLE LYERSYLLLE LYERSYLLLE LYERSYLLLE LYERSYLLLE LYERSYLLLE LYERSYLLLE LYERSYLLLE LYERSYLLE LYERSYLL LYERSYLLE LYERSYLLE LYERSYLLE LYERSYLLE LYERSYLLE LYERSYLLE LYE	-	01	-	-	-	-	-	.01	- 27	.04	.01	.05	.04	.03	.05	-01	-	-	-	-	-	-	-	-	•
MERSET BIWAY DEPT EARNS MPKINSVILLE LF CREEK DAM	-		-	-	-	-	.08	.06	.09	.01	.01	.09	-01	th-	.78 -	.09	-01	-	.02	-	-	-	-	-	-
XTER HARLAN WATER WKS NTON 1 SW JETON RUS FERRY DAM 50 DUCAH SCS NURSERY		.01					.02	.05	.01	.03	. 41	. 31				.01	.06		.01						
KEVILLE											}		-12	2th-	-	.02	.77	.02							
ARBOURVILLE WATER WKS AXTER HARLAN WATER WKS EREA COLLEGE ORBIN 8 EIDELBERG LOCK 14 EXINGTON WB AIRPORT JEERTY ///									٠	•		•	. 09		*	•	. 15		. 58		.13	.32			

KENTUKKY JULY 1949

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Station .	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Tota
LITTLE HICKWAN LOKE S LOUISA LOKE S HIDDLESPING CITY HALL WICKREAD STA TEACH COL OLIVE HILL PIEKVILAS SOMNISTS HILAT DEPT STEARINS TATEMA SPRIMUS WELL CREEK DAW					, 0	1 ,02	.09	.01		. 01	. 11	.08	- .49	.01	.02	.47	.02 .01 .02 .06	.12 .D3 .31 2.D8	.09 .10 .D7 -	.36 .01 .04 .03 -	.01 .07 .1D	.01	.08	.02	.84 .61 1.49 .16 2.89 .35 .82 .19 .76 .13
ADDISON DAW 45 ADDIPUS 1 N BARBURVILLE WATER WKS BAXTER HANLAN WATER WKS SENTON 1 SW SERRA COLLINGE BOWLING GREEN WB AP CLINTON CORBIN 6		-	.0	- * 3 .01	-	53	.01	. 25	.16	. 03	. 03	-	. 35	. 73	.01	.01	.01	.01	-		-	-	.04	.04	.04 .17 .43 .20 1.11 .43
CORREST FERRY DAM SO FRANKLIN FATER WORKS GEST LOCK 3 GEST LOCK 1 RALETS BILL L RAZARD L RAZA	. 13	. 0:		. 0:			.17	.02 .01 .02 .02	.13	.01	.02				. 02	.01	. 38	.40 .07 .02 .01	.06		. 02	. 16		.02	.39 .18 .03 1.18 .27 .08 .96 .71 .08 .29
MADI SONVILLE 1 SE MIDDLESBORO CITY EALL MORRERAD STA TEACH COL OLIVE HILL PADUCAH SCS NURSERY PIERVILLE RUNSEY LOCE 2 ST MARYS COLLEGE SALTERSVILLE VICTORY	. 02		. 0	2				.05	.01	.08	.02	.01		. 50	. 06	.51	.39	.03	.01	, 04				.02	.02 .16 .10 .03 .03 1.88 .06 .04 1.50 .21
TOMPKINSVILLE UNIONTOWN DAM 49 WOODBURY LOCK 4	-	-	-	-	-	-	.09	.01	-01	-01	-	-14	- +h-	-	-	-	-	- 1	-	-	.37	.01	.01	. 34	.10
ADDISON DAM 45 ADDISON DAM 45 ADDISONS 1 M WATER WES ADDISON 1 STATEMENT WES BENTON 1 STATEMENT WES FORWARD  FORWARD  FORWARD  ADDITION OF THE STATEMENT WES LIKETINGTON WE AIRCORT LIKETY INCOME 1 STATEMENT WES LIKETINGTON WE AIRCORT LIKETY INCOME 1 STATEMENT WES LIKETINGTON WE AIRCORT LIKETY INCOME 1 STATEMENT WES LIKETINGTON WE AIRCORT LIKETY INCOMENT WES LIKETINGTON WES LIKETINGTON WES LIKETY STATEMENT WES LIKETINGTON WES	.01	. 03	.0	3 . 12	.01 0.07 1.01 .03 .09 2.14 .08 .08	.06 .01 .59 .01 .09 .26 .02	.28 .20 .07 .03 .26 .06	.06 .04 .11 .04 - .02 .03 .01	.39 .19 .25 .17 .01 .07 .04 .29 .03 .02 .02	.02 · .09 .21 .3D · * .01 .03 .18 .06 .02 .08 .03	.02 .21 .05 -* .05 .10 .02 .02 .02	.05 .20 .37 .26 .01 .01	.01 .02 .01 .03 .01	. 05	.26	.01 .01 - * .04	.02 .05	.01	.12 .29	.02	-	-	-	-	.02 .666 1.06 1.27 .01 .73 - .49 .08 .73 .47 .83 1.04 .24 .39 .58 .92 .11 .06 .10 .08
MIDDLESGORD CITY HALL MILLERSGORD CITY HALL MILLERSGORD DOLLYS HILL PIERVILLE VATER VORKS ST MARTS COLLEGE SOMEWHAT COLLEGE SOMEWHAT HEAVY DEPT TOTAL THE SOMEWHAT HEAVY DEPT TOTAL HEAVY DEPT TO	.01	. 01	.0.0	1 .66	.01	.01 .21 .05 .03	.02 .01 .07 .4D .01 .23 .01	.01 .75 .03 .08 .03 .01 .02 .23 .08	.01 .08 .08 .01 .01 .17 .51	.01 .02 .02 .01 .03 .06 .01 .07 .06 .02	.01	.01 .02 .07 .39 .02 .06	.01 .02 .13 .06 .01	.22	.05	.03	.01	. 03	-	-	-	-	-	.02	18 1. 42 .21 .19 .37 .57 1.12 .98 .18 1. 43 1. 22 1. 18 -1. 14 .13
BATTER HARLAN VATER WES BERTON I SE CLHITON  8 CLHITON  9 FLEENINGSBUNG POST OFF FARSE WILL  MALESTER WILL  MIDDLESBUNG CITY MALL  MIDDLESBUNG CITY MALL  MIDDLESBUNG CITY MALL  SWITHFIELD 4 S WINDSBUNG POST OFF MARYS COLLIDER  WIND												.01 .20 .03	.02 .15 .03 .05	.20 1 .02 .34 .31	.23 .04 .50 * .03 .32 * .03 .01 .40 .01 .01		.01 .07 * .01 .23 .01	.01	.01	.01					.25 .30 .62 .03 .33 .07 1.24 .35 1.98 .03 .36 .06 .68 .47 .34 .02 .86 .41
ADDISON DAM 45 // ADOLPHUS 1 N //					0	,						-16		. 39	. 13	. 12	. 01	.07	.01	.01	. 10				.97

KENTUCKY JULY 1949

Table 4-Continued																									301.1	1949
Station		_					М. Нос										_	_	M. Hou		·					Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BARBOURVILLE WATER WKS BAXTER HARLAN WATER WKS BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP CLINTON CONSTANTINE													.03	.02	.16	.05	.02	.04	.01 .03 .08 .26	.09 .22 .05 .38	.02 .03 .02 .18	.02	.16	.01 .05 .01	.01	.42 .18 .40 .48 .88 .11 2.75
COVINGTON W B AIRPORT 6 EDMONTON FLEWINGSBURG POST OFF FORDS FERRY DAW 50								.02	.07		.05	.05	. 25	.04	•	.01 .01	.09 .02 .08 .03	.24 .03 .04	.03 .26 .14 .34 .01	.26 .01 .02 .31	.31	.06	.02		.02	1.24 .69 .05 .77 .09
RARALLE WALLS GENARD  (BENARD										.01		.01	.02	.85	.04 .55 .01	.03 .08 .08 .17 .02 .08 .69	.02 .07 .04 .05 .02 .07 .03 .07	.03 .01 .07 .14 .07 .04	.02 .03 .11 .15 .02 .03 .02	.01 .07 .18 .05 .05	.06 .04 .01 .06	.04 .07 .01	.01	.01	.01	1.32
LOUISA LOCE 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WE CITY LUCAS MATSVILLE DAW 33 MIDDLESBORD CITY EALL MILLEREBURG	Ì																.05	.01 .08 .11 .18	.11 .12 .18 .43	.02 .02 .02 .04 .18	.01	.01	.01	.04	.02	.41 .36 .79 .09 .21 .30 .47 .74 .03 .02 .10 .07
MILLERSBURG MOREHEAD STA TEACH COL OLIVE BILL OVENSBORD DAM 46 PADUCAH SCS NURSERY PIREVILLE RUNSEY LOCK 2 ST MARYS COLLEGE SALTERSVILLE SALTERSVILL														.06	.01	.02 .01	.01 .01	.93	. 70	.01	.01		.03	.03	.01 .01	1.71
STEARNS									.01		.01	.06	.06	.01	.02	.13	.03	.14 .01 .01 .19	.10 .14 .01 .05	.04 .05 .02	.03	.01	.03			.79 .60 .21 .04 .83 .14 .23
TOMPERNSVILLE UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4													-17	.02 7th-			1.02 .76	.06	.01	.05	.08	.25	.08			1.51
ADDISON DAM 45 ADOLPHUS 1 N BABGOURVILLE WATER WKS BAXTER HARLAN WATER WKS BENTON 1 S* BEREA COLLEGE BOWLING GREEN WB AP 6		. 01	.02	.01		.07	.03	.02	.01	.07	.01 .01 .02	.04	.04	.10	.07	,32	.02		.01	.02		.01	.03	.04	.07	.10 .05 .43 .80 .01 .15
CORBIN 6 COVINGTON WB AIRPORT EDMONTON FLEMINGSBURG POST OFF GEST LOCK 3 HAZARD //	-1	.01	.02 .01	.22	.01	.01	.03		.05	.02	.01	.01 .01	.07	.03 .01 .36	.08 .02	.01	.01					. 05	.01	.06	.31	.15 .06 .34 .72
HERNDON BODGENVILLE NAT PARK LEXINGTON WB AIRPORT		.01	.01				.02	.03		.01	.03	.01	.01 .01 .01 .10	.01			.32	.17	.03	.01						.03 .53 .03 .13 .12 .05
LIBERTY LITTLE HICKMAN LOCK 8 LOGLICK 1 S LONDON POST OFFICE LOUISA LOCK 3 LOUISYILLE STAN W B AP LOUISYILLE WE CITY LUCAS MAYSYILLE DAM 33 WC KINNEYSBURG  //		. 05	.02	.01	.03	.01	.03	.01 .01 .02	.01	.06	.02 .01 .04 .01 .02	.08	.02	.02	.06	.04		.01								.23 .06 .09 .03 .29
MIDDLESBORG CITY HALL MILLERSBURG MOREHEAD STA TEACH COL OLIVE HILL PIKEVILLE SANIEVILLE WATER WORKS		.01	.01			.02	.01	.01	.01	.01	.02 .08 .05	.02 .28 .02 .01	.06 .14 .21 .01	.04 .01 .11 .09		.03		.01	.03				.06	.10	.03	.39 .07 .55 .41 .31 .39
ST MARYS COLLEGE SALVERSYVILLE SMITTEFIELD 4 S SOMERSET BIWAY DEPT SOEARMS TOMPKINSVILLE WOLF CREEK DAW WOODBURY LOCK 4		.01	, 02		.02	.01		.04	.03 .04 .02	.01 .02 .04 .01	. 19	.01	.12	.08		.02	.01	.01	.01	.25	.11	.03	.04	.02	.01	. 15 . 06 . 34 . 72 . 11 . 03 . 03 . 12 . 23 . 06 . 09 . 03 . 29 . 07 . 39 . 07 . 39 . 07 . 39 . 08 . 39 . 39 . 39 . 39 . 39 . 39 . 39 . 39
												.17	-18	3th-	-					Ì						.17
ADOLPHUS 1 N BARBOURVILLE WATER WKS BAXTER HARLAN WATER WKS BEREA COLLEGE CORBIN 8 EDWONTON 8		.07	.04	.02	.04	.11	.09		٠	.06	.03	.07	.04	.07	.15	.02	.11	.03								.43 .88 .03
EDMONTON HAZARD HEIDELBERG LOCK 14 // LOGILCK 1 S LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE WE CITY			.16	.01		.03	.18	.02	.01			.03	.05			.01										.18 .21 .17 1.01 .04 .05
LOUISTILLE WB CITY LUCAS MIDDLESBORO CITY HALL PIKEVILLE SALYTERSVILLE SOUMERSET HIMAY DEPT STEARNS TOMPK INSVILLE WOLF CREEK DAM		.14	.10 .02 .01	.02	.07	.08	. 01	. 03	.30	.20	.05 .03 .01 *		.03	.02	.01				.01							.21 .28 .18 .21 .17 1.01 .05 .07 1.27 .31 .11 .17 .75 .18

KEN) KY 1047-149

Table 4-Continued					A	мн	our en	ding									P	м Но	ur end	ing					3
Station	u	Į¥.	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	В	- 10	16	11	12	also:
ADDLIFTED 1 N BERTON ST BERTON ST BERTON COLLEGE ROWLING EXERT WAP CORREST FERT DAN 50 FEET INSIGNED LOCK 14 BERTON LITTLE BICK MAN LOCK 8 LADRON FOUT OF ICE MITCHIS FOR THE ST ADDRIVE TO THE								٠	٠	.10 01	.64	-19 .01 .03 .40 .01	:04 .03	.02	.01	. 48	.20	. 57				04			65 04 03 47 12 .01 .03 .09 .88 .23 .75 .05 1.35 .14 1.58
UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4								.01	. 37	.02 .91 1.15 .01	.03	;01 :13 :37 -20		.02	•	٠	•	٠	•	, 14					, 40
ADDISON DAM 45 ADDISO		.01	1 .08	.03	. 02								.02	.14	.04 1.00	.01	.03	.01	. 45	. 20	.01				.14 .07 .21 .02 .45 .12 1.13 .04 .05 .04 .34
LOCAS MATSYLLED DAM 33 WK KINDSTSURG // OWERSHORD DAM 45 STITUTISTS STREET STRE												.97 <b>–</b> 21	.25	.19	.01	.33 .02 .16 .01	.05 .07 .01 .05 .10	.02	.01	.01					1.16 .95 .04 .03 .05 .45 .40 .09 .07 .28
COTHETON T B AIRPORT S LOUISA LOCK S LOUISA LOCK S LOUISA LOCK S LOUISA LOCK S LOUISA S LOUISA SURVEY  CHINETSURG  // CHIPETSURG  BARBOURVILLE WATER WKS		٠	*	*				2.98 .04 .05	* .10 .05 *	. 04		.03 -22	*	.23					. 09	.01					.04
RAREDOURYLLE WATER WES BATTER RAHLAN WATER WES BEREA COLLEGE CORBIN 8 COVINGTON W B AIRPORT 8 LOGLICK I S MORRERAD STA TRACE COL PIERVILLE												.02	3d-	.01	* * . 22	.01 * .01 .06	.01	.03	. 05	.03					.10 .05 .12 .23 .06
COVINGTON W B AIRPORT 6 LOUISA LOCK 3 MATSYILLE DAM 33 SADISYILLE MATER WORKS SALFERDYILLE WATER WORKS			٠		•	*		.08			.01	.02	.19 .02	.51	.02			.01	.01	.01	.50				.21 .54 .52 .11
CLINYON LOUISYLLE BOWMAN FLD WORMENAD STA TRACE COL OLIVE RILL PIEEVILLE CARROLLTON LOCK 1 //			. 05								1.04	.02 :02 :06 -25	.01	.01		. 02									.05 1.07 .35 .07
CLINTON COMBIN 6 LITTLE HICKMAN LOCK 8 // MORRHEAD STA TEACH COL	-	-	-		-	-		-	-	-		-26	th-	*,11		*	.04	.95		-	-			-	.05
ADDISON DAM 46 BARROUNVILLEN WATER WES COTHNIONS W B AIRPORT 6 BODCENVILLE HAT PARK LOGISTILLE BOWRAN FIRD OWNERSHORD ON 48 W B AD BONEST LOCK 2 STRAIMS TATEAM SPRINGS								. 02			.39	.21		. 29	.01	.02	. 09 . 04 , 22	.02	•	. 45					.23 .32 .11 .54 .22 .02 .41 .42 .06
STEARNS  BERTON 1 SW CLINTON										. 02		-28	th-												.02
FORDS FERRY DAM 50 HAZARD , // PADUCAH SCS NURSERY STEARNS TOMPKINSVILLE	-							-	-		-	. 02	.02	-	. 02	.01	.01	.11	-						.04

Table	A-Con	bound

KENTUCKY JULY 1949

					Α.:	M. Ho	ar endi	ng									P. 1	M. Hou	ar endi	ng					-
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
BARBOURVILLE WATER WKS BAATER HARLAN WATER WKS BREES COLLAGE COVINCTON W B AIRPORT 6 HALEYS WILL HIDLIENE W HAIRPORT 1. LIBERY W HAIRPO									.01		.73	.13	.02 .17 .07 .90 .05 .49 .27 .06 .12 .02	.01	.01	.10	.07	1.80	*	•				.10	.10 .07 .15 1.80 - .17 .08 .01 2.42 1.11 1.50 .10 .48 .75 .06 .18
ADOLPHUS 1 N BEREA COLLANGE BOWLING GREEN WE AP OUT IN COUNTRY TO BE A PERFORM FLEN MINGSTORM POST OFF MINGSTORM POST OFF MINGSTORM POST OFF LICENTY WE ALTROMY LITTLE HILLE SOWNAN FLD LOUISYILLE STAN W B AP LOUISYILLE STAN W B AP LOUISYILLE STAN W B AP MILLER MINGSTORM SOUTHWARD SAUTHERY LILE MINGSTORM SOUTHWARD SAUTHERY LILE MINGSTORM MILLER MINGSTORM SOUTHWARD SAUTHERY LILE MINGSTORM MINGSTORM MILLER MINGSTORM SAUTHERY LILE MINGSTORM MING		,00	.0	2			.01	. 04	.14	.01	.07 * .05 .01 .22 .46	.10 * 1.03 .01 .20	.02 .02 .05 .05 .13 .42 .06 .07 .03	.05 .28 .11 .09 .41 .07 .03 .40 .01 .01	.97 .45 .01 .14 .01 .01 .01 .01	.13 .01 .01 .01 .03 .01 .06 .10 .01 .17 .01 .23 .07 .10	.01 .05 .18 .24 .30 .01 .02 .12 .01 .47 .13 .01 .04 .04 .04	.04 .06 .04 .02 .18 .36 .01 .32	.03	.01					.08 .29 1.23 .40 .08 1.20 .45 .28 .83 .98 1.69 .56 .08 .06 .30 .30 .30 .30 .30 .30 .30 .30 .30 .30
SMITHEFIELD 4 S SOMERSET BINAT DEPT TATHAM SPRINGS WOLF CREED DAM WOODBURY LOCK 4  LIBERTY PIESVILLE //	.01	. 0:	. 0	2	.04		.03	.01	.01			-31	.st—	.01	.07	.07	.07	.03	.02						.07 .13 .18 .23 .23 .23

# DAILY TEMPERATURES

Table S																																	
0.0																Day	of mo	onth															rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
	MAX	92 70	92 69	92 67	94 67	92 71	94 71	92 70	94 70	95 71	90 72	89 64	92 64	85 69	87 69	89 69	85 69	74 71	88 67	88 70	90 69	89 71	92 71	93 70	94 70	92 68	82 69	91 68	93 67	94 72	85 70	82 60	89.7 68.9
ASHLAND DAM 29	MAX	90 67	90 67	91 66	94 67	96 68	99 68	99 73	92 72	92 72	97	86 63	87 65	89 71	86 68	80 68	89 69	86 69	79 69	85 69	90 69	92 70	89 72	93 71	92 71	94 71	94 71	93 71	95 70	96 71	96 71	93 66	91.1 69.3
	MAX	91	90	92	92	96	95	86	95	96	89	88	92	87	90	92	85	84	90	86	92	90	93	93	90	90	93	96	96	97	93	84	91.1
BEREA COLLEGE	MAX	91 67	91 66	94	95 68	92 66	90	93 72	90 68	94 73	83 71	86 63	88 68	86 72	84 69	85 74	83 69	79 66	86 68	86 68	88 67	89 72	90 72	92 70	92 70	89 69	91 70	94 70	94 70	91 70	90 70	65 65	89.0 69.0
BOWLING GREEN WB AP	MAX	92 73	92 72	91 71	94 73	91 73	92 73	90 72	94 71	92 73	88 73	89 69	90 67	88 71	90 72	94 71	87 67	85 68	88 69	86 69	88 68	89 74	91 72	92 71	89 70	88 70	93 68	96 71	95 71	96 72	92 68	84 66	90.5 70.6
	MAX	94	94 69	95 68	97 69	94 73	96 74	96 73	91 72	95 74	88 75	88 64	90 68	85 73	86 72	90	86 72	78 69	88	90	90	90	91 72	93 72	93 72	90 71	92 72	95 71	96 72	94	92 71	82 66	90.9
CAMPBELLSVILLE	MAX	92 68	92 67	94 68	91 67	96 69	94	91 69	94	93	84	88 65	90	83	87 69	92 68	85 66	78 65	86 65	85 67	87 67	87 66	91 70	93 69	90	90 67	91 66	95 68	96 67	94	90 68	84 62	89.8 67.6
CORBIN CAA	MAX	89 66	89 66	93 65	96	96 69	93	93	96	94	81 72	87 65	85 69	86	86	87 69	87 69	80	84 68	89 65	92 65	84 71	94 70	94 68	95 69	95 66	92 68	94	93 67	92 68	91 66	80 59	89.9 67.8
COVINGTON WB AIRPORT	MAX	93 71	91 70	94	97	94	92 73	94 71	93	91	88	88 62	89 64	90	89 71	87 67	85 69	76 69	85 68	87 71	88	85 69	88 72	91 70	92 69	88 70	87	91	92 70	90 71	78 66	78 61	88.7 69.3
DANVILLE	MAX	91 70	90 68	92 67	93 73	95 72	92 73	94 72	93	91 72	93 74	85 63	87 67	87 71	83 70	85 69	90 70	84 67	77 67	86 69	88 68	87 71	88 71	90 70	91 71	92 69	88 70	90 70	93 71	95 71	85 71	86 64	89.1 69.7
FARMERS	MAX	89	89 62	88 62	91	94	94 67	93 66	92 66	91 70	95 70	85 58	87 67	89 69	88 66	82 65	87 66	84 66	81 66	87 62	89 64	89 68	90 65	89 67	91 66	90 64	89 65	91 64	89 65	92 66	86	79 59	88.7 65.4
FORDS FERRY DAM 50	MAX	93 72	93 71	94	94 71	94 74	92 71	82 69	94	95 73	90	88 67	91	83	90 70	90	84 64	86 65	89 65	89 69	87 70	93 71	94	94 68	90	88 69	80 70	94	93	95 70	89 62	80 58	89.9 69.0
FRANKFORT LOCK 4	MAX	94	92 68	92	95 68	98	93	95 71	95 71	96 72	96 74	90 62	89 65	93	86	88 67	89 68	84	78 68	88 69	91 70	90 72	89 71	93	94	94 69	92 71	94 68	95 67	98 68	96 73	89 65	91.8 69.2
GREENSBURG	MAX	91	91 69	91 68	93	94	88 73	93	92	93 72	93	83 68	87 68	89	86 72	84 71	-						-	90 71	91 71	92 70	91	92 70	92	94 74	92 72	93	90.6 70.6
GREENVILLE 2 W	MAX	91 73	90	93 70	93 72	93 72	90 73	84 71	94 68	91 73	89 73	87 73	90 66	86 69	88 72	90 70	85 69	86 67	87 68	87 69	88 72	90 75	91 73	92 69	90 70	87 78	90 70	93 68	93 69	96 69	90 70	85 63	89.6 70.5

DATIX	7 ጥሮኤ <i>ል</i>	יא מיזם	TURES
DAIL	L C IV	PLRA	IURES

KENTUCKY JULY 1949

Table 5-Continued		-		_		-			_				-																				
Station			T							_					_	Day	of mo	onth															acada acada
		1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	4
HEIDELBERG LOCK 14 HENDERSON 4 ST HINDMAN SETTLEMENT SCH HOPEINSTILLE 2 E 18VINGTON	MAX MIN MAX MIN MAX MIN MAX MIN MAX MIN	69 67 94 73 91 62 92 74 81 71	88 63 93 75 90 64 91 72 91 68	69 64 92 77 91 62 92 71 91 69	92 65 93 73 82 84 82 75 84 70	83 67 92 73 95 68 82 71 84 73	92 68 82 74 96 68 92 73 91 74	88 68 80 74 85 68 66 71 93 71	93 68 82 70 83 68 83 70 94 70	80 69 93 75 92 68 81 70 93 74	82 70 91 74 94 70 90 70 80 73	80 64 88 70 82 66 86 71 88 67	87 64 90 65 87 70 87 68 82 65	67 71 86 70 87 70 84 70 83 88	65 70 92 73 85 66 84 72 89 72	82 70 91 68 82 68 88 70 92 70	87 69 80 67 87 67 80 68 83 67	84 68 84 86 65 67 83 87 78 67	80 69 87 68 74 68 86 66 84 68	82 66 87 70 84 68 86 69 83 70	87 65 86 70 88 66 88 73 88 70	90 68 89 74 90 68 90 74 88 73	84 66 90 74 84 65 80 69 89 73	89 67 81 71 80 67 88 68 80 70	92 69 88 72 83 89 87 68 80 71	93 88 85 72 82 68 80 68 80 70	90 88 88 70 82 67 82 67 87 70	8I 67 81 7I 82 67 93 68 8I 70	84 68 93 70 84 68 83 68 85 69	95 69 95 71 85 70 91 88 83 73	82 66 88 73 84 68	82 69 80 62 82 67 82 85 84 60	88.4 67.4 89.5 71.2 88.6 87.2 86.6 70.0 89.4 70.0
LOUISVILLE STAN WB AP LOUISVILLE WB CITY LOUELACEVILLE	MAX MIN MAX MIN MAX MIN MAX MIN MAX MIN	92 68 80 71 94 73 83 76 94 73	91 68 82 68 83 72 93 77 83 71	81 68 93 88 95 72 94 75 94 71	83 70 85 70 85 73 94 78 85 72	82 72 81 73 84 74 82 79 85 70	92 72 84 74 95 75 82 75 92 67	80 70 83 72 93 72 80 74 87 72	83 68 82 71 94 71 93 74 90 73	94 72 83 72 93 71 83 77 92 73	88 71 87 70 91 73 80 74 80 72	87 88 86 64 89 68 88 70 85 72	80 85 80 68 92 68 89 70 92 71	87 82 72 84 72 82 72 82 72 86 73	87 72 83 68 80 71 88 74 88 71	80 68 88 67 81 69 87 73 88 70	86 66 83 88 84 71 82 71 86 88	61 65 78 68 81 70 79 71 89 68	87 71 86 68 88 68 85 72 89 64	88 88 70 88 73 87 75 88 68	88 68 88 68 89 70 87 73 92 74	87 72 88 73 80 71 88 74 92 74	80 71 88 71 82 75 80 77 93 71	81 70 82 71 94 72 81 76 91 70	88 70 83- 72 92 71 90 75 86 68	88 80 70 83 70 88 75 87 72	82 68 81 71 81 71 87 73 81 72	82 88 84 72 84 71 91 75 83 88	83 68 85 72 87 70 82 75 90 68	83 72 88 73 85 75 92 78 85 68	8I 71 80 88 81 70 86 68 80 72	83 61 61 62 84 82 80 83 83 66	88.6 68.8 88.1 70.0 81.2 71.0 88.8 73.9 80.2 70.4
MANNOTH CAVE PARK MANCHESTER	MAX MIN MAX MIN MAX MIN	92 73 93 66 94	84 71 80 64 94	93 70 88 63 97	94 73 90 99	94 72 83 68 88	93 78 80 70 93	81 71 95 72 95	80 89 90 68 95	84 74 94 70 95	83 74 96 68 82	88 71 87 67 91	81 70 85 82 85	81 72 90 68 86	88 71 87 72 82	91 66 87 67 90	81 66 89 65	83 66 86 64 85	85 62 82 66 85	88 68 86 68 88	89 89 86 67 80	90 75 88 74 84	80 77 88 89 93	92 68 91 67 96	91 88 91 87 95	88 71 89 65 94	87 70 88 65 85	81 89 90 66 87	94 69 93 73 97	93 70 93 71 95	94 73 82 86 95	80 63 89 58 85	80.5 70.2 89.6 67.1 91.7
MAYSVILLE DAM 33 MIDDLESBORO	MAX MIN MAX MIN	90 68 91 85	90 68 91 63	90 68 93 64	90 67 96 66	96 69 97 69	96 69 88 71	95 70 95 68	95 69 93 69	91 70 92 72	96 71 85 70	86 57 88 69	86 57 83 73	90 68 84 72	87 66 87 70	84 66 86 70	84 66 87 68	87 66 77 70	85 68 82 68	76 68 89 65	88 68 89 65	89 88 86 72	87 70 92 69	92 68 82 68	90 68 93 68	84 68 92 66	90 68 92 68	80 67 85 69	94 65 95 66	95 66 95 69	81 67 92 89	86 59 87 68	89.7 66.9 89.8 68.4
MOUNT STERLING MURRAY OWENSBORO PADUCAH NO 5 FIRE STA PRINCETON	MAX MIN MAX MIN MAX MIN MAX MIN MAX	94 62 94 72 96 74 96 78 92 72	94 68 82 72 97 72 96 71 90 71	96 68 92 70 96 71 95 75 90 70	92 71 95 72 93 73 90 70	89 72 93 69 95 72 93 73 90 69	95 73 94 74 95 73 92 73 90 73	84 72 89 72 93 71 92 75	92 69 95 72 88 69 88 71 80	95 71 95 73 93 73 94 75 90 72	88 70 91 77 93 73 94 73 86 72	90 62 87 73 92 69 92 72 84 68	82 70 92 75 92 66 89 69 89	88 72 84 70 92 70 92 72 85 72	85 88 90 71 86 73 85 71 85 73	92 67 91 69 92 70 89 71 85 70	88 70 88 69 92 69 88 68 81 69	78 67 87 67 80 65 87 66 84 67	86 67 90 67 85 66 87 66 87	87 67 92 68 88 69 90 71 88 68	90 67 93 75 91 71 89 72 87 72	91 71 92 74 91 72 92 75 87 73	92 91 71 93 71 92 71 88 72	94 71 90 69 96 70 93 72 89 70	85 71 87 68 96 70 91 70 88 68	93 69 89 69 92 68 87 70 88 68	83 70 93 70 91 68 87 70 88 68	96 70 94 68 92 68 91 70 89 66	98 70 90 75 95 67 93 72 88 67	94 70 95 70 88 69 92 70 93 68	91 69 92 70 97 72 94 72 89 70	83 61 82 66 90 59 92 63 82 65	91.7 68.8 90.8 70.8 92.3 69.7 91.1 71.2 87.7 69.6
RICHMOND TEACHERS COL RUSSELLVILLE ST JOHN BETHLEHEM ACAD SCIENCE HILL SCOTTSVILLE	MAX MIN MAX MIN MAX MIN MAX MIN MAX MIN	91 67 95 73 90 71 92 67 92 69	90 66 93 72 91 71 92 67 92 68	80 66 92 71 89 69 94 65 92 70	92 67 94 73 92 70 95 69 95 73	95 70 97 74 94 68 92 70 93 73	94 71 96 75 91 72 88 70 96 73	90 70 95 73 91 70 92 70 93 72	93 68 80 71 89 69 96 69 96	91 69 96 75 91 72 92 70 94 73	94 70 95 75 92 72 82 71 90 72	85 62 90 73 87 66 87 66 88 72	85 68 90 70 85 66 87 68 92 67	86 71 93 70 90 68 86 73 87 70	83 68 80 70 82 71 84 69 88 73	83 67 89 72 86 69 90 70 92 70	88 70 91 70 89 68 85 68 87 69	83 66 85 67 82 66 77 67 84 66	79 62 89 70 79 68 83 68 87 68	86 67 90 71 85 70 85 66 88 69	83 67 87 70 84 68 90 65 90 68	88 71 90 73 87 71 90 68 91 74	88 70 91 74 87 71 91 69 93 71	88 70 93 73 90 69 92 68 94 70	90 69 93 75 90 69 92 70 90 69	92 68 92 73 88 69 89 67 89	89 68 91 74 88 69 90 67 92 69	90 69 93 75 88 68 95 69 95 70	92 69 96 73 91 68 95 69 97 70	94 69 95 73 93 72 90 69 96 71	89 69 95 73 92 66 91 66 93 69	90 62 95 62 89 61 82 55 84 66	88.7 67.9 92.0 72.0 88.5 68.9 89.2 67.9 91.3 70.0
SHELBYVILLE 2 W WEST LIBERTY WATER WES	MAX MIN MAX MIN	92 71 90	92 69 89	91 68 90	92 69 92	96 70 95	93 72 96	93 71 92	93 70 95	94 71 94	93 72 96	89 63 93	87 63 93	92 66 92	93 70 90	88 67 89	90 66 88	83 68 86	79 69 90	85 70 86	88 68 90	89 68 91	89 71 87	90 70 91	93 70 92	92 68 92	91 69 95	90 68 93	92 68 94	95 68 97	94 71 92	89 61 92	90.5 68.5 91.7
WILLIAMSBURG WILLIAMSTOWN WOLF CREEK DAM	MAX MIN MAX MIN MAX MIN	88 67 94 70 89 67	90 67 93 72 92 70	93 65 93 69 92 68	93 68 92 71 94 72	94 70 95 75 91 72	89 68 95 74 94 74	87 66 93 72 92 72	91 70 93 71 94 71	92 70 91 73 95 71	82 72 94 73 96 74	87 68 85 63 86 70	85 70 82 68 89 69	82 70 88 69 88 75	83 71 82 68 86 73	86 70 82 68 80 70	81 69 85 68 90 70	76 69 80 68 86 69	79 68 75 69 81 68	86 67 84 69 82 67	88 68 87 69 85 64	83 65 90 71 90 73	91 69 85 71 88 70	89 67 90 72 92 70	91 69 90 71 95 71	90 61 93 71 94 69	89 69 90 71 91 69	93 71 90 70 93 71	94 69 93 71 96 71	92 71 95 75 97 72	90 70 93 71 86 71	81 70 89 62 94 70	87.6 68.5 89.1 70.2 90.3

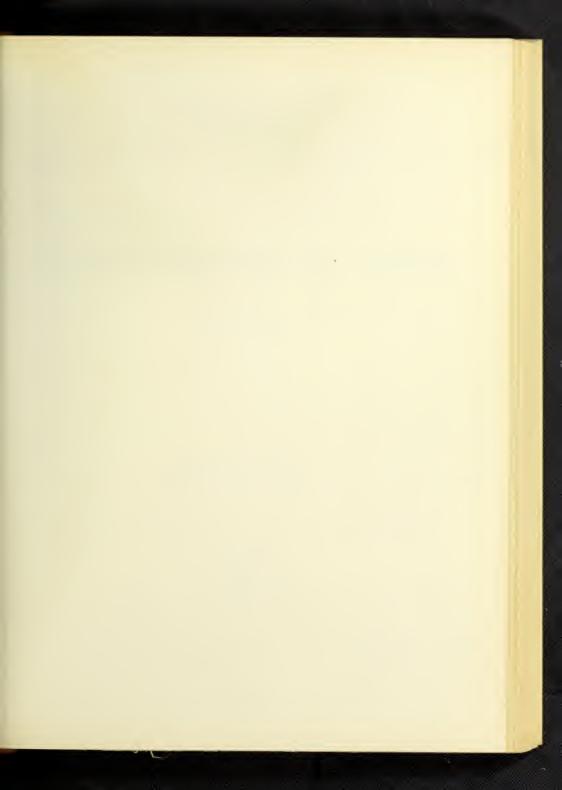
# EVAPORATION AND WIND MOVEMENT

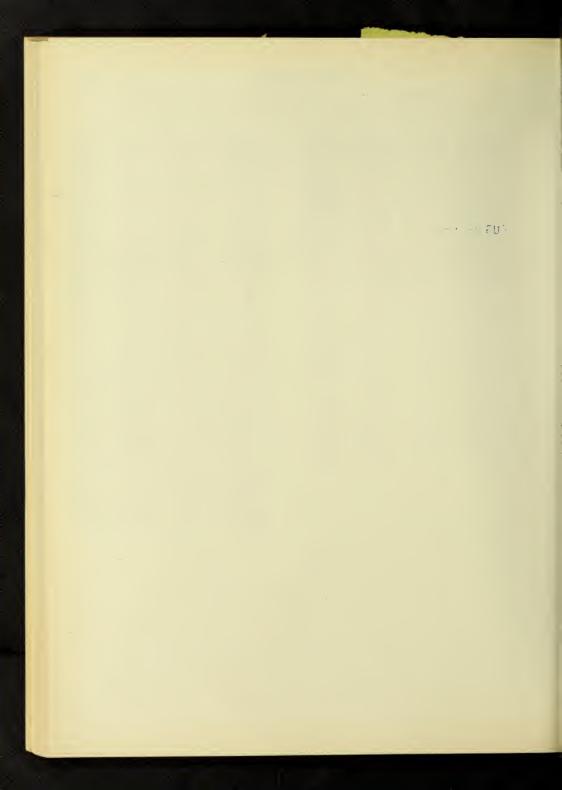
Table 6																																	
Station	Ī														Day	of m	onth															7	urture
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota	Depa from norm
SURGIN DIX DAM EVAR		.27	.16	.34	. 23	.22	.18	. 48	.14		.17	.24	.17	,51 3	.20	.15	.08	.04	.21 15	.14	.23	.17	.20 12	.26 12	. 27	.23	.25 15	.26	.19	.53 10	.30 20	7,37 274	
WOLF CREEK DAM EVAF	.33	.24 13	. 26	. 26	.18	.22 10	.16	. 23	. 25 9		.07 15		.13	.17	.13	٠	16	.18 17	.08	.10 9	.12	.18 18	.24 12	.25	.28 23	.22	. 23	.23 10	.25 17	.16 11	.20	6.27B 312	

# STATION INDEX

			-				Obs	pr-			_						Obs	er-	
Station	Index No.	County	Dramage;	Latitude	Longitude	Elevation	Temp Temp		Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.		Refer to tables
ADDISON DAM 45 ADOLPHUS 1 N ALLEN ANCHORAGY ASHCAMP	0043	SRECEINRIDGE ALLEN FLOYD JEFFERSON PIKE	3 1 7	38 16	86 34 86 16 82 43 85 33 82 26	700	79	GA CORPS OF ENGINEERS 7A IUELL M DEARING 8A NANNIE AUXIER 7P C E BARRET 8A MARY S RATLIFF	3 4 3 4 2 3 5	LOGLICE 1 8 LONDON POST DFFICE LOUISA LOCE 3 LOUISVILLE BOTMAN FIELD LOUISVILLE STAN WB AP	4943	CLARK LAUREL LAWRENCE JEFFERSON JEFFERSON	7	37 51 57 88 38 07 38 13 3B 11	82 37 85 40	1250 584 558 485		NID MAS E BURGHER NIU W W MC NASSER 7A EUSSELL T WERELER NID US WEATHER BUREAD NID US WEATHER BUREAU	3 4 3 4 3 4 3 4 2 3 4 5
ASICLAND DAM 29 SAMBOURVILLE WATER WKS DAMBSTOWN BASS 3 SW BAXTEW HARLAN WATER WKS		KNOX NELSON	8 3		82 36 83 53 85 28 85 10 83 20	637	7P	7A CORPS OF ENGINEERS IID JOHN S WEARTON 7A MES POPS SISCO 7A CLAUDE CAVE & R KEE IID CYRUS S LAYSON	2 3 5 3 4 3 CLOSED 3 4	LOUISVILLE UPPER GAGE LOUISVILLE WB CITY LOVELACEVILLE LUCAS MADISONVILLE	4956 4967 5002 5062	HOPWINS	7	38 17 38 15 36 58 36 53 37 20	85 48 85 45 88 50 86 02 87 30	403 457 478 400	7A	SA BRASHER C BACOM	3 4 5 2 3 4 5 2 3 5 3 4 CLOSED
SEAVER DAM BENHAM BENTON BEREA COLLEGE BEREA WATER WORKS	0611	ORIO EARLAN MARSHALL MADISON MADISON	9	37 25 36 58 36 51 37 34 37 34	86 52 82 57 88 21 84 18 84 16	441 1580 380 1070 1100	6P 8A 6P	6D E G YOUNG 8A C C WEITEARER 8A DENTON WATER WORKS 6P JAMES A GROSSMAN 7A WES L B GAFFARD	2 3 5 2 3 5 3 4 2 3 4 5	MADISONVILLE 1 SE MARMOTE CAYE PARK MANCHESTER MAYFIELD SUBSTA MAYFIELD 2 S	5097 5110 5230 5232	CLAY GRAVES GRAVES	3 4 6 6	37 19 37 11 37 09 36 44 36 42	86 06 83 48 88 39 88 38	450 384 364	7A SP	5P MRS JDE PATRE	2 3 4 5 2 3 8 2 3 5 2 3 5
BOSTON 2 SW BOWLING GREEN SOWLING GREEN SUBSTA BOWLING GREEN WB AP SRSNT DAM 36	0904	WELSON WARREN WARREN WARREN CAMPBELL	3	37 00 37 01 36 58	85 42 86 26 88 26 86 26 84 25	470 535	MID	7A MRS PAULENE COT 7A JAMES R EDWARDS TVA 4ED OS WEATHER BUREAU 7A CDRPS OF ENGINEERS	3 3 3 2 3 4 5	MAYSVILLE DAN 33 MC WINNEYSBURG MIDDLESBORG MIDDLESBORG CITY HALL MIDWAY 2 S	5301 5389 5384 5407	MASDN PENDELTON BELL BELL WOODFDRD	2 4	38 38 38 36 36 37 36 38 38 07	83 43 83 44 84 42	810 1128 1150 805	-	MID AMANDA A AULICA MID HUGB ALLEW MIU CITY OF MIDDLESBORO 8A JOHN 8 NUCENT	2 3 4 5 3 4 2 3 5 3 4 3 4
BEOWNSVILLE LOCE 6 BUNGIN DIE DAM BURNSIDE CADIZ LOCE E CAMPBELLSVILLE	1127 1156 1206	EDMONSON MERCER PULASWI TRIGG TAYLOR	2 2 3	37 48 36 59 36 46 37 20	86 16 84 43 84 57 87 58 85 21	424 777	4P 6P	7A CORPS OF ENGINEERS 8A C W WILLIAMS 7A SARAB B LEWIS 7A CORPS OF ENGINEERS 6P ALVA MC BINLEY	2 3 5 6 3 3 2 3 5	MILLERSBURG MILLERSTOWN MONTICELLO MOREHEAD STA TEACH COL MOUNT STEELING	5438 5524 5555 5640	BOULBOR GRATSON WATER WONTGOMENT	3 2 5 5		86 03 84 51 83 26 83 57	580 910 770 950	5P		3 4 3 5 3 4 2 5 5
CARROLLTON LOCK 1 CENTRAL CITY WATER WES CLINTON COLLEGE RILL LOCK 11 COLUMBIA	1439 1631 1704 1722	CARROLL MOMLENBERG BICKMAN MADISON ADAIR	3 6 4 3	57 47 37 06	85 11 87 07 89 00 84 06 85 18	729		7A CORPS OF ENGINEERS #IU CEN CITY WATER WES #ID MOODSON O FRANKLIN BA CORPS OF ENGINEERS 7A MEE HAZEL B PICKETY	3 4 5 4 3 4 5 3	MUNPORDVILLE MURRAY DLIVE BILL OLNEY ONEONYA DAM 35	5694 6012 6020 6033	EART CALLOWAY CARTER DEOPEINS CAMPBELL	9 7 7	37 18 36 36 38 18 37 13 3E 58	88 20 83 11 87 47 84 18	752 380 497		7A SAN CRADDOCE 6P MINRAY MATER SYSTEM MID MRS W F FULTZ JR EA ART D WILLIAMS 7A CDRPS OF ENGINEERS	3
CONSTANTINE CORBIN CORBIN WATER WORKS COVINGTON WE AIRPORT CYNTSIANA	180I 1606 1855	BRECEINRIDGE WHITLEY WHITLEY KENTON HARRISON	2 7 5	36 57 36 57 39 04 38 23	86 14 84 06 84 06 84 40 84 18	1070 869 684	MID	MID MRS GLENNIE L SHARP MID US WEATHER BURKAU 7A CORDIN WATER WORKS MID US WEATHER BURKAU 7A MAREHALL MIEL	2 3 4 5	OWENSBORO DAW 46 OWENSBORO DAW 46 PADUCAS NO 5 FIRE STA PADUCAS SCS NURSERY PADUCAS TVA	6096 6115 6117 8119	DAVIESS DAVIESS MC CRACKER MC CRACKER MC CRACKER	7 7 7		87 08 88 33 88 33 88 33	348	6A 7P	7A VIRGIL P CLARE 7A CORPS OF ENGINEERS 6A CAPTAIN FF WILLIAMS MID SDIL CONSERV SERV SOIL COMSERV SERV	2 3 5 4 2 3 5 3 4 3
DANVILLE DAVELLA UELPSIA DEMA UUNDEE BARRETTS FORD BN	2053 2131 2139	BOTLE MARTIN PERRY ENOTT OBIO	4	37 38 37 48 37 02 37 25 57 33	84 46 82 52 83 07 82 48 86 43	1200 850	6P	7A R P COLDIRON MIU BERTHA DE LONG SA FARIS CRESS SA HATTIE S BARNET 7A J L HUFF	2 5 5 3 4 3 3 3 4	PAINTSVILLE PIREVILLE PIREVILLE PLEASUREVILLE 2 8 PRINCETON	6353 6384 6433 6575	JOHNSON PIKE BELL SHELBY CALDWELL	1 2 4 2	37 49 37 29 36 45 38 20 37 06	82 31 83 43 85 07 87 53	686 999 882 529	X 569	7A P PARTIN GA E B MORGAN SP ALTON M HARVILL	2 3 4 5 3 3 2 3 5
DUNNON DUNNVILLE EDOYVILLE LOCE F EDMONTON EL 12ABETHTOWN	2374 2445 2469	MUMLBNBSRG CASEY LYON METCALPE HARDIN	3 2 3 3	37 05 37 13 37 03 37 00 37 42	84 58 88 05 85 37	610 420		7A N D GIVENS 7A LINNIE D TARTER 7A TEOMAS SMITH 7A JOHN E WORAN 7A ROBERT E SETTLE	3 3 3 3 4 3	RAVENNA LOCK 12 RICHMOND B STATE COL EUMSEY LOCE 2 RUSSELLVILLE ROSSELLVILLE SUBSTA	7031 7041 705	9 RSTILL 5 MADISDN 9 MC LEAN 9 LOGAN 4 LOGAN	5 3	37 40 37 44 37 32 36 51 36 50	87 16 86 5 86 5	\$ 1000 5 384 5 590 4 576	7A 7A	7A CORPS DY ENGINEERS 7A EASTERN TEACHERS CO 6A CDRPS OF ENGINEERS 7A DR 6 S MC REYNOLDS TVA MID # MILDERRY	2 3 5
FALMOUTH FARMERS FLEMINGSBURG FLEMINGSBURG FORD LOCK 10	2791 2903	PENDLETON NOWAN FLEWING STEWING CLARK	5	38 40 38 09 38 25 38 25 37 53	83 35 83 43 83 44 84 15	668 870 750 598	40	8A JESSIE OLDHAM 7A MRS C C STAMPER 7A BYRON F FLEMING MIU MAURICE O CARPBNYE 7A CORPS OF BNGINEERS		SADIEVILLE WATER WORKS ST JOHN BETTELEHEN ACAD ST MARY SALVISA LOCE 6 SALVERSVILLE	709 709 712 712	4 SCOTT 1 HARDIN 6 MARION 1 MERCER 9 MAGOFFIN	8 4 5	36 23 37 42 37 35 37 56 37 45	85 5 85 2 84 4 83 0	9 777 1 730 9 520 4 900	4.P 6.P	7A SISTER S M GSELL MIU ST MART COLLEGE 7A CORPS DF ENGINEERS WID J W MAY	3 4 5 3 4 3 4 3 4 9 5
FORDS FERRY DAM SO FRANKFORT LOCE 4 FRANKLIF WATER WORES FAEN URUNG , SW GEORGETOWN WATER WORES	3028 3038 3052	CRITTENDEN FRANKLIN SIMPSON MENIFEE SCOTT	3 5 4		83 39 84 33	504 691 880	4P 4P	GA CORPS DF RNGINEERS SA CORPS DF ENGINEERS 7A HERMAN U NEAL SA C JEBOME SIERONYMUS SA JOE W ATEINS	3	SCIENCE BILL SCOTISVILLE SEBREE WATER WORKS SEELBYVILLE 2 W SHEPHERDSVILLE	723 723 732 733	2 PULASE1 5 ALLEN 4 WEBSTER 4 SURLBY 4 SULLITY	3 8 8	37 11 36 45 57 36 38 13 37 58	86 1 87 3 85 1 8 85 4	2 770 2 360 6 825 4 450	6P 6P	6P NORLE ALLEN 5P SEBREE WATER WORKS 5A WILLA S A RATTA 7A CONRAD MARAMAN WID F W BIMPSON	2 5 5 2 3 5 3 2 3 5 3 4
GEST LOCK 3 GLASGOW CODMAN AFBU FT KNOK GRANT DAM 38 GRAYSON	3243 3280 3358	HENRY BARREN RARDIN BOONE CARTER	7 7	38 25 37 00 37 54 38 59 38 19	84 49 82 57	506 589		7A CORPS OF ENGINEERS 7A OSA L FOLLIS MID US AIR FONCE 6A CORPS OF SHGINEERS 8A SBIRLEY I STATEN	3 4 3 3 4 3 3	SMITHFIELD 4 S SOMENSET BIWAY UEPT SPRINGFIELD STEARMS STILLNATEV	750 760 767 771	3 HERRY 7 PULASEI 4 WASBINGTON 7 MC CREARY 1 NOLFE	1000	37 07 37 41 36 42	1 85 1 2 84 2 5 83 2	5 873 4 738 9 1420 9 1000		MID L N SUTHERLAND 8A WM R COATLEY MID C E CBITWOOD 8A WRS B E MOLLAND	3 4 3 3 3 4 CLOSED
GREENSBURG GREENSBURG BIWAY 61 8R GREENTP DAM 30 GREENTILLE 2 W EALEYS MILL	3438 3443 3451	GREEN GREEN GREENUP MUFILENEERG CHRISTIAN	7 3	37 16 37 15 38 37 37 12 37 03	85 30 82 51 87 12 87 20	540 519 740	5P	7A MRS MELL M LINGLE 7A KENNETH STOTTS 7A CORPS OF ENGINEERS 5P C R LOTELL MID CLEATUS E BRINKLEY	2 3 5 3 2 3 5 3 4	SUMMER SHADE SUBSTA TATHAM SPRINGS TATLORSVILLE TOMPKINSVILLE TOMPKINSVILLE TEL OFF	792 794 806 806	4 WASBINGTON 8 SPEWCER 0 WONROE 5 MONROE		37 53 38 03 36 4	2 85 0 2 85 2 2 85 4 2 85 4	9 1 489 1 899 1 899		MID W C DEDMAN 7A MRS EATERYN B CARR MID JAMES T PHILPOTT 7A MRS ALICE B HALE	3 4 5 3 4 3
HARTFORD 6 N HAZARD HEADQUARTERS HEIDELBERG LOCE 14 HENDERSON 4 5W	3709	OBID PERRY NICEOLAS LEE HENDERSON	5 4 7	37 52 37 15 38 24 37 33 57 47	83 12 84 07 83 46 87 37	869 800 663 382	4P 6P	6P W E CARSON SR 7A H A BAILEY 7A L M CAFFIN 6A COMPS OF ENGINEERS 6P FRANK STREET	2 5 5	TURKEY CREE SCHOOL TYRONE LOCE 5 UNIDATOWN UAM 49 VALLEY VIEW LOCK 9 VANCEBURG DAM 32	817 819 824 825	4 PIKE 9 ANDERSON 17 UNION 16 CLAY 19 LEWIS	0.00	38 0: 37 4: 37 5: 38 3:	2 84 5 6 87 5 I 84 2 8 83 2	1 524 7 357 6 571 1 525		7A CORPS OF ENGINEERS 6A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS 7A FRANK BOECN	3 5 4 3 5
HERNDON RICKSWILLE HIGH BRIDGE LOCK 7 BINDWAN SETTLEMENT SCH BODGENVILLE NAT PARK	382 383 389	CENISTIAN LAWRENCE JESSAMINE ENOTT LARUE	4 4 3		88 30 84 43 82 59 85 44	1080	8.6	MIU C W EEATTS TVA 6A CORPS OF ENGINEERS 8A ELIZABETH WATTS MIU C C SELP	2 3 5	WAYNESBURG 6 E WEST LIBERTY WATER WES WILLIAMSBURG WILLIAMSBURG WILLIAMSBURG IS	855 870 871 872	LINCOLN CORGAN G WBITLEY GRANT G LEE		37 2 37 5 36 4 38 3 37 3	5 83 1 4 84 1 8 84 3	0 939 4 943 6 646	6P	7A JOHN W TURNEN 7A CRARLES B WIST 7A MISS N B SIMPSON 7A CORPS OF ENGINEERS	2 3 5 2 3 5 2 3 5 3 2 3 5
ROPEINSVILLE 2 8 HYGEN IW-INGTON JACESON JENEINS WATER WORKS	409: 416: 419	CHRISTIAN LESLIS BRECKENRIDGS BREATRITT LETCHER	4		86 17 83 23 82 31	850 646 776 1600	7P 7P	8A W E MORRIS 6P WRS FOREST CAMPBEL 7P FLOYD G WORDINS 7A ROBENT ROBERTSON 7A RENTUCKY WATER CD	3 4	NOLF CREEK UAM WOODBURY LOCK 4	882	7 ROSSELL 84 BUTLER		36 5	1 86 3			7A CORPS OF ENGINEERS	2 3 4 5
JEREMIAH KEENE 2 N KENTUCKY DAU LANCASTER ICE PLANT LAURA	436 441 462	5 LETCHER 9 JESSAMINE 6 LIVINGSTON 0 GARRARD 2 MARTIN	9 4	37 10 37 58 37 01 37 37 37 45	84 3 88 1 84 3 82 2	362 5 1032 6		7A MRS SUSAN F ISON 7A MARION W MABIN 7A TEMM VALLET AUTH 8A KENTUCKY UTIL CD 8A JAMES A FIELD	3 3 3 4 3 3										
LEITCHFIELD LEXINGTON WB AIRPORT LIBERTY LITTLE BICKMAN LOCK 8 LOCKPORT LOCK 2	474 475 482	GRAYSON FAYETTE CASET JESSAMINE FENRY	1 3	37 21 38 02 37 21 4 37 45 4 58 26	84 3	979	SS	SA GBORGE U LITSEY WID US WEATHER BUREAU 7A PALLIA L HANKLA 7A CDRPS OF ENGINEERS 6A CORPS OF ENGINEERS	3 4				1						

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AUG 25 1950

# CLIMATOLOGICAL DATA

KENTUCKY

AUGUST 1949 Volume XLIV No. 8



#### KENTUCKY - AUGUST 1949

O. K. Anderson, Section Director - Louisville

#### GENERAL SUMMARY

The trend of above normal temperatures in the preceding months was reversed in August when alternating periods of warm and cool weather brought readings to slightly below average. Daily temperatures were near normal except during a very warm interval from the 11th to the 16th, and a decidedly cool period from the 20th to the 24th. Readings ranged generally from daytime maximums in the upper 80's and low 90's to nighttime minimums in the middle and upper 60's, except during the times of unseasonable warmth and cold.

Precipitation was somewhat above normal. As monthly amounts were determined largely by the frequency and intensity of local showers, distribution of rainfall over the State was very uneven. Only the eastern part of the State reported below average amounts with the heaviest falls occurring in the west-central portion. Amounts in excess of ten inches fell in this area. Hail and strong winds accompanied some of the severe thunderstorms with resultant damages. The irregular rainfall had its effect on weekly progress of crops and farm work.

Farm activities were near the seasonal average, with most crops a few days ahead of normal development at the beginning of the month. However, weather conditions during the balance of the period brought growth back to normal. The principal activities during August were harvesting of hay and fruit, cutting and housing of tobacco, and fall seeding and plowing. Tobacco was irregular throughout the month, ranging from poor to good, with cutting taking place mainly in the southern half of the State. Considerable damage was reported to this crop in the southwest because of the varying weather conditions. During periods of dry weather, some firing was reported and with the coming of excessive showers, damage due to sweating occurred in the fields and also in barns. Early corn was in excellent shape and sweating occurred in the fields and also in barns. Early corn was in excellent shape and late corn mostly fair to good with both crops made in many areas. Some firing of corn due to dry weather was reported at the beginning of the month. The development of pastures reflected the unequal amounts in rainfall. During periods of little or no rain, fields deteriorated and in times of showers, the ample supply improved them. However, by the end of the month, most pastures were excellent. Good yields of alfalfa, clover, and lespedeza were received. Soy beans were generally good with general blossoming and some scattered harvesting and by the end of the month same sow beans were being out for her Hernesting of peach ing and by the end of the month some soy beans were being cut for hay. Harvesting of peaches was about finished with scattered picking of apples reported. Late potatoes were generally good. Farm work and development of crops were near normal at the close of the period. Moisture was sufficient and water supply adequate.

Wind, hail, and rain storms caused damages of varying amounts at Science Hill, Crab Orchard, and Lexington. W.S.

#### TEMPERATURE

The mean temperature for the State was 75.3°, which is 0.5° below normal for the month. The monthly mean temperatures ranged from 77.1° at Wolf Creek Dam to 73.2° at Mammoth Cave and Maysville Dam. The highest temperature recorded in the State was 97° at Owensboro, on the 9th and 12th, and the lowest 48° at Princeton on the 30th.

#### PRECIPITATION

The average precipitation for the State was 4.54 inches, which is 0.84 inch above normal for The total amounts recorded at various stations ranged from 10.11 inches at Benton The heaviest rainfall reported in any one day was 4.08 into 1.44 inches at Constantine. ches at Lockport on the 15th.

An addition to the climatological data from some 5,000 Weather Bureau and copyentive weather stations, this bulletin series contains records are hydroclimatic Network Stations which were forselly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network Stations will be supported to the Hydroclimatic Network Stations will be supported to the Hydroclimatic Network Stations of the Hydroclimatic Network Hydroclimatic Network Stations of the Hydroclimatic Network Hydroclimatic Network Stations in order to provide records of rain gradients of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rain related worsh by the Stations in order to provide records of rain related worsh by the Stations in the Stations of the Hydroclimatic Hydrocl

\$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclimalic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainings at shade to seet the entire United States. But since an agencies referred to above, no the internal rode for public dissentiation of the data, distribution being limited to cooperating agencies and to certain public dissentiation of the data, distribution being limited to cooperating agencies and to certain public dissentiation of the data, distribution being limited to cooperating agencies and to certain public dissentiation of the data distribution being limited to cooperating agencies and to certain public distribution of the data of

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

# PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

KENTLUKS AUGUST 1949

	Sea le	vel pressur-	e extremes-in	ches	1	Wind spec	od-mph		Relativ	e humidity	averages	percent	Sunshine	
Station	Highert	Date	Lowest	Date	Average	Мактипип	Direction of maximum	Date of maximum	1:30 a. E.S T	7:30 a E S T	1:30 p. E.S. T	7:30 p. E.S.T	Percent of possible	Degree days
LEXINGTON AIRPORT LOUISVILLE AIRPORT	30.24 30.21	8 8	29.77 29.75	18	5.5	35	w	31	89 88	90 90	58 55	78 88	67	0

#### Table 1

# COMPARATIVE DATA

Table 1																				
	Т	emperati	ire	P	recipitati	on		Т	emperatu	ire	P	recipitati	on		Т	'emperati	TL6	P	recipitati	on
Year	Āverage	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lo west	Āverage	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more
1889 1880 1881 1882 1883 1893 1895 1896 1897 1899 1990 1990 1990 1990 1990 1990 1990	70.6 73.2 72.9 75.4 74.8 77.1 76.6 76.7 78.1 80.4 75.5 75.6 75.5 75.6 75.7 77.4 74.8 76.9 74.0 76.0	100 101 105 96 99 105 102 105 101 100 102 104 101 103 100 100 99 99 104	43 44 43 45 48 41 49 55 51 52 50 49 45 42 45 48 49 45 45 46 47 48 48 49 49 49 49 49 49 49 49 49 49 49 49 49	1,23 6,16 5,82 3,13 1,72 3,02 2,215 2,83 2,33,83 3,09 2,74 2,12 2,48 3,27 2,64 3,27 2,64 3,27 2,66 2,79 2,60 2,79 2,60 2,79 2,60 2,79 2,60 2,79 2,60 2,79 2,60 2,79 2,60 2,79 2,60 2,79 2,60 2,79 2,79 2,79 2,79 2,79 2,79 2,79 2,79	000000000000000000000000000000000000000		1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1925 1926 1927 1928 1929 1930 1931	73.7 78.0 78.0 71.3 77.0 73.9 80.2 75.4 76.0 75.4 76.5 76.5 77.3 71.1 77.0 76.9 74.9 76.5 74.9	98 100 100 101 111 104 98 101 101 101 103 106 101 113 102 103 99 103 106 101	43 44 49 42 47 42 50 47 43 48 47 43 43 44 51 43 51 43 51 43 51 44 45 47 47 47 47 47 47 47 47 47 47 47 47 47	4.71 2.81 5.94 6.29 3.18 3.49 3.49 5.80 5.28 2.43 6.03 3.00 1.47 7.51 2.88 4.33 2.06 2.25 5.36	000000000000000000000000000000000000000	7 12 14 9 8 7 8 13 10 6 12 12 7 5 14 8 11 6 7 12 7 8 10 10	1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 PERIOD	77.0 81.1 78.0 78.0 75.3 76.0 76.9 74.9 74.1 76.5 70.7 79.6 74.9 75.3	105 108 100 101 99 102 105 104 106 104 103 96 106 105 97 113	42 43 53 52 43 45 44 42 42 43 40 36 53 47 48	4.22 2.22 3.63 4.45 2.87 3.57 3.13 6.56 1.32 5.45 2.47 4.42 3.89 2.13 4.54 3.70	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 6 9 10 8 8 8 11 4 10 6 8 9 5 12

T	4	ă,	2

Table 2				emperatu								P	recipitatio	n a				_
				emperati	re		NT- 1			Т		i		, Sleet, Ha	s1	No	of days	
Stahon	Average	Departure from normal	Highest	Date	Lowest	Date	Max 90° or above	Min. 32° or below sk	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
WESTERN DIVISION																		
FORDS FERRY DAM 50 GREENVILLE 2 W HENDERSON 4 SW HOPKINSVILLE 2 E LOYELACEVILLE	75.0M 75.6 75.7 74.4 76.2	- 1.0 - 2.7 - 3.7 - 2.4	94 94 95 90 92	10 26 9 3 10+	49 53 54 56 55	31 21 21 21 21 30	13 12 11 1 10		3.23 6.57 2.72 7.53 4.02	3.08 36 4.16 .44	1.53 2.17 .87 2.93 1.44	20 12 27 17 5				11 12 9 14 7	5 3 8 5	1 2 1 1
MADISONVILLE 1 SE MAYFIELD 2 S MURRAY OWENSBORO PADUCAH NO 5 FIRE STA	75.7 75.8 76.7 76.6 76.4	- 2.2 - 1.3 0.5 - 3.1	94 96 95 97 94	9 18 11 9+ 19	54 54 56 54 54	21 21 21 21 21 21	11 14 13 19 15		8.22 2.71 4.73 6.14 3.65	77 1.41 2.82 .19	2.00 .63 1.16 1.58 1.00	12 27 9 15 28				11 13 17 11 10	7 5 7 8 6	1 3 1
PRINCETON	74.5	- 3.1	92	8	48	30	2											
DIVISION	75.7	- 2.1							4.95	1.28								
CENTRAL DIVISION  ANCHORAGE BOWLING GREEN WB AP BURGIN DIX DAM CAMPBELLSVILLE COVINCTON WB AP	75.3 76.1 76.3M 75.0M 74.5	0.5 - 2.1 - 1.0	93 93 94 94 93	12+ 16 11 11+ 25	55 58 56 55 54	21+ 21+ 21+ 21+ 21	11 11 11 14 9		3.68 6.35 4.31 4.32	.04 2.61 .45	1.07 2.76 .96	27 28 16 28				12 16 9	7 5 7 4	1 2
DANVILLE FRANKFORT LOCK 4 GREENSBURG IRVINGTON LEITCHFIELD	75.5 75.9 75.5 75.8 75.0	0.8 0.3 - 0.2 - 0.4 - 1.0	92 96 94 92 92	12+ 12 12 8+ 11	55 56 57 54 54	21 21 21 21 21	9 15 10 13 7		2.60 6.63 3.90 2.22 6.78	99 3.11 19 - 1.06 3.19	.71 1.84 1.20 .66 1.28	6 15 16 28 28				11 10 8 14 15	3 7 5 3 7	2 2 3
LEXINGTON WE AIRPORT LOUISVILLE STAN WE AP LOUISVILLE WE CITY MAMMOTH CAVE PARK ST JOHN BETHLEHEM ACAD	74.9 76.4 76.9 73.2M 74.5	0.4 0.3 0.1 - 2.9 - 0.7	92 94 92 91 91	11 11 10 11+ 9+	55 55 57 52 55	21 21 21 2+ 21+	9 12 8 5 6		4.37 3.47 7.86 5.00 5.96	.92 .05 4.44 .56 2.28	.71 .76 2.60 2.02 2.37	14 15 6 29 16	т			15 14 13 15 12	6 8 5 3 8	3 2 2
SCIENCE BILL SCOTTSVILLE SHELBYVILLE 2 W WILLIAMSTOWN WOLF CREEK DAM	75.3 76.4 74.8 74.6 77.1	1.0 - 0.6 - 0.4	92 95 96 95 95	9+ 11 12 12 14	56 56 53 53 58	1+ 30 21 21 1	11 15 14 6 14		4.16 6.44 4.80 4.14 3.43	1.28 .43	1.65 2.67 1.06 2.33 .71	16 16 29 16 17	T			18 15 11 14	7 7 3	1 1 1
DIVISION	75.4	- 0.4							4.76	1.07								
EASTERN DIVISION	-						l			.48	1.50	13		İ		8	4	1
ASHLAND DAM 29 BENHAN BEREA COLLEGE CORBIN CAA HEIDELBERG LOCK 14	75.1 75.0 74.8 73.7 75.4	- 0.5 - 0.2 0.3	95 94 93 93 92	12 14+ 13 13 9+	55 55 54 54 55	21 1+ 1+ 1+ 1			4.15 5.77 4.59 2.35	1.60	2.27 2.21 1.28	14 16 6				13 12 12	4 5 2	2 1 1
HINDMAN SETTLEMENT SCH MAYSVILLE DAM 33 MIDDLESBORO MOUNT STERLING PIKEVILLE	74.7 73.2 75.4 76.5 76.5	- 2.2 0.9 1.7 - 0.5	92 93 95 95 95	11+ 11+ 11 11 10+	55 50 57 55 59	1 21 1+ 21 21	10 7 10 11 12		3.54 5.71 3.23 5.31 3.51	1.70 94 1.25 68	1.06 2.21 .76 2.25 1.10	17 16 13 14 28				10 8 10 14	6 6 4	1 1 1
RICHMOND TEACHERS WILLIAMSBURG	74.8 74.38	- 1.0	92 94	12 28	55 50	21+ 21+			4.00 2.19	.14 - 2.53	1.53	14 16				9	4	1
DIVISION	75.0	- 0.4						-	4.03	- 0.10								
STATE	75.3	- 0.5					1		4.54	0.84		_						

# DAILY PRECIPITATION

EXATURE

AUGUST 1949

Table 3	_									-																						
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	of m	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ADDISON DAM 45  ADOLPHUS 1 N N// ALLEN ARCHORAGE ASECAMP				.34	.67	.17	. 34	.40	.33	.09	.06	.04	.16		. 69	.43 .47 .30	.34 1.10 .42 .02 .55	.04		.11		.07	.13 T	.05		.27	1.07	.16	.07 .86 .90		.26	2.47 5.84 2.55 3.88 4.60
AGELAND DAN 29 BARDSTOWN DAXTER BARLAN WTR WES N DENYER DAN BENEAM	.03	. 50	T .20	.03 .06 .05 .02 .10	.06 T	.10 1.34			.93		.03	.30	,33	.06	.05 .96 .80	.30	.66	T .33	T.03	.35 .25 .01	. 24	.09 .04 1.72 .20	T .04 .09 .05	.06	.02	.01		.01 1.45 .55 .94 .17	.22 .36		.05	4 13 4.43 5.40 3.99
BENTON RESERVED TO THE STATE OF		т		.01 .32 .08	1.51 .01 .01	1.32 1.60 .16	.07		.17 T	.06	1.49	3.29 T		1.26 2.27 .10	.64 .66 1.05	.24 .76 .94	.06 .55 .36 .05	.21	.69	.10 .26 .18 .78		.07 T	.32	.04 T	.17		1.05	.24 .23	.02 .40 1.75 1.65	.02	.11	10.11 5,77 4.93 5.23 4.63
BOWLING GREEN SUBSTA BOWLING GREEN WB AP Z BRENT DAW 36 BROWNSVILLE LOCE 6 GURGIN DIE DAW			.02	.02	.49 .15 .30 .12 .08	.16	. 42		.58	.22		.02	.75	.76	. 25	,56 ,76	.18 .45 .18 .26	.04	1.12	1.11 T	.11	.04 .06	.05	.11	.14		.07	.29 2.76 .04 .16	.74 .07 1.74 .35		.04	3,62 6,35 2,62 3,62 4,31
GURNSIOE CADIZ LOCK E CAMPRELLSYILLE CARROLLTON LOCK 1 Z CLINTON R			.01	.03	.09	1,21	. 20	.03		.13		.46	.37	.20 1.02	.96	.86	.42 1.31	. 10	.05	.24 .24 .16		.03	.14		.07			.10 .52 .27	.63 .15 1.38		. 10	4.66 6.53 - 4.86 1.57
COLLEGE HILL LOCE 11 COLUMBIA LW COLLEGE CONSTANTING CORBIN CAA CORBIN WATER WORKS	1.06	т	.01	.02 T	.06 1.29 .35 .06	.50 .02 T	.10	.11	.67			.03	. 11	.19	. 66	.50 1.55 2.21 .91	.04 1.85 T 1.71	.39	т т	.31	.10	.87 .03	.03	т	. 20			.38 .37 T	.52 .42 T		.02	3,64 6,02 1,44 4,59 3,91
COVINGTON WB AIRPORT CYNTBIANA DANVILLE DAVELLA DELPSIA			.06	.99	T .09	.71	T . 24	т				.23	.52	. 15	-41	.89 1.08 .64	.02 .07 .17 .10 2,00	. 40		.04		.15 T .03	.15	.02			.09	1.03 .28 .07 .48	.79 .16 .17		.10	4.32 3.52 2.60 1.49
DEMA DUNDER BARRETTS FRD SR R DUNNOR DUNNY ILLE EDDYV ILLE LOCK F					1.52 .08 .32 .10	.08	.11	т		.10		1.51	.20 1.67	.10	.20 .07 1.80	.5%	.64 .68 .76	.53		1.18	.15	.23	.40 1.73	-	. 07			.18	.38 .02 .82 .36	. 10		4.05 2.45 8.25 - 3.44
ELIZABETETOWN FALMOUTS FARMERS FLEMINGSSURG			.03		.39 T .13 1.67	.05	.03		т		,06		1.83 .43 .81	.10		.15 1.13 .48 2.04	.02 .02 .27	.02 .10 .59	.12	. 35	.21	; <sup>37</sup>	.20 .05 .16 T	.10 .02 .25			.35	1.27	.21 .27 .60			2.69 7.01 3.82 3.84 4.68
FLEMINGSBURG POST OFF R FORD LOCK 1 FORDS FERRY DAM 50 Z FRAMEFORT LOCK 4 FRANKLIN WATER WORKS 2				.16 .06	.15	.14			.06 .05 .29 .26			.67 T	.27 1.61 .61		1.84		.55 .22 .01 .80 3.40	T .09		1.53	т	.06	.07 T .01	т		т	.18 T	.31 .22 .48 .92	.01		.09 T	2.30 3.23 6.83 7.05
GEORGETOWN WATER WORKS GEST LOCK 3 Z GODMAN AFBU FT ENOX GRANT OAM 38 GRAYSON			.03	.53 .35	.06	.06		. 43	.09 T	. 20		-	.37 .05 T	.47 .09 T	1.45	.66 .36 2.30 .25 2.37	.11	.02	т	.07	.23 T	.43	.22				1.66	.88 .23 .09 .55	.27 1.16 .10		.10	4.30 5.09 4.02 5.62
GREENSBURG HIWAY 61 BR GREENUP DAM 30 GREENVILLE 2 W HALETS WILL B			.50	.10 .05 .12	.10 .27 .28 1.24	.05			.03	.12		2.17 1.17	. 14	.16	.02 T	1.20 .35 1.79 .07		.03	.05	.50 .45		1.90	.03	.15			т	.08 .24 .01	.74 .06 .02			3.90 2.04 2.67 8.57 4.14
HARTPORD 8 N HAZARD Z EEIOBLBERG LOCK 14 Z HENDERSON 4 SW HERNDON R			.02 T	.05 T	.08 T .03 T 1.28	T 1.28	.17	.01 T	T T .51	.08	.01 .09	. 77	T .12	.06 .05 .08	.45 .11 T	.52 T .25 T	1.65 .08 .04 .02	.01	.40 .10 1,13	.57 T .13 .70	т	.84	T 10				. 87	.12 .73	.45	.05	.05 T	4.56 2.33 2.35 2.72 5.74
SICESVILLE SIGH SRIDGE LOCK 7 SIMDMAN SETTLEMENT SCS SODGENVILLE NAT PARK R BOPEINSVILLE 2 K				.04	.37 .32	.45	.12 .16 .01 .25 .82		.32	T .87		.17	3.71	.32 .02 1.78	.84 .98 .24 3.62		.22 .05 1.06 2.93	.16	. 12	T .07	.05	.04 .36 T	.03				.08	2.07 .19 .46 .48	.24 .46 .84		.02	9.27 3.71 3.54 6.72 7.53
ETDEN IRVINGTON JACKSON JENKINS WATER WORKS Z JEREMIAH			.01 T	.08 .06 .08 .11	.71	.05 .25	.05		.40		.03		.15	.04 .28 .10 .54	. 24 . 25 . 09 . 19		.29 .30 2.58	.25	.24	.40 .12 .10 .10	.01 .04 .18 .35	.42	.02	.36	.31	.25	.03	.32 .66	. 47		.47	4.52 2.22 3.37 3.34 6.12
EXEME 2 N ENTUCKY OAN LANCASTER ICE PLANT LAURA LEITCHFIELD	т		3.00	.05	.14	. 25 . 25	.60	.07		.07		1.20	.11	.32	.25	.45	.65 1.42 .35 1.27	.23	T .21	.10 .55	T		T 1.12	T				1.28	1.10 .12 .48 1.17 .04			7.25 3.19 3.33 2.40 6.78
LEKINGTON WB AIRPORT Z LISERTY 2 LITTLE BICKMAN LOCK 8 LOCKPORT LOCK 2 LOCKPORT LOCK 2 LOCKPORT LOCK 3 LOCKPORT LOCK 3	.02		Т	.07 T .09	.28 .37 .30	.65 .39	. 87	1,00	.09	.08		.08	.12	.71 .19	.13 .35 4.08 .28	.54 .96 .56 .3	.31 .13 .07 .02 .08	.10		.35		.02	.25				.09	.60 .05 .25 .38	.05 .90 2.05 .31		.58	4.37 3.64 3.72 5.68 4.00
LONDON POST OFFICE R LOUISA LOCK 3 Z LOUISVILLE BOWMAN FLD R LOUISVILLE STAN WB AP Z LOUISVILLE UPPER GAGE			T . 20	.10 .27 .02	.03 .09	.84 T	. 82 . 06 . 85	.03	.31	.07	.63	.22 .11 .31 .37	1.35 1.35	.04 .07 T	.16 .40 .76 .10	.80 .37 .29 .11 .58	.05 T 2.03 .45	.52 .04	т	.02 T		.09 .26 .01	.03	. 21			.29	.12	.14			2.54 6.03 3.47 4.27
LOUISVILLE WB CITY R LOVELACEVILLE LUCAS R MADISONVILLE 1 SE MAMMOTH CAVE PARE		.13	.0	.04	1.44 .05	.15	.88	. 33	.10 .60 .03	.10	.76	1.77 .53 2.0	1.35	.13	.08	.10 .33 .11 .02	.08	.02	T .23 .97	.05 1.14 .67	.15	.04 .66 .02 .29 .16	.03 .18 .02	.75	.01		.20	.93 1.44 1.54 2	.88		.18	7.86 4.02 4.02 8.22 5.00
MANCHESTER MAYFIELD SUBSTA MATFIELD 2 S MATSVILLE OAM 33 Z MC KINNEYSBURG R//			1.32	.04	.05	.15 .05 .05	. 25		.13	.09	.09	. 27	2.03	1.28 .28 .13	. 23	.50 2.21 .02	.35	.08	.05	.18		.15	1	.01			.29 .63 .28	.98 .20 .18 .25	.32			3.80 4.64 2.71 5.71 2.25 3.23
MIDOLESBORO MIDDLESBORO RR STA R MIDWAY 2 S MILLERSBURG MILLERSTOWN MILLERSTOWN		.15	.06	.80 2.70	.02 .05 .02 .27	. 25	1.15		.10	.09		. 65	.76 .76 .47 .50	.22	.06 1.22 .45	.28 .26 .25 .19 .52	.05	.11		.35	.35	.36	.05		90			.65 .60 1.30 1.37 1.51	.58		.06	8.37 6.77 6.27
MONTICELLO MORRHEAD STA TEACH COL R MOUNT STERLING MURRAT OLIVE SILL R				1.20 .65 .37 1.76	.04	.09	.32	.86	.40	.11	.08	.33 .72 .05	.02	2.25	.75 T .17 2.32	.38 .09 .21 .67 .05	.10	0.7	.02	.03	.08	T.06	.31	25	.90		. 16	.12 .46 .14 .09	.09		.10 .10	3,90 3,31 5,31 4,73 4,62
ONEONTA DAM 35 OWENSBORO OWENSBORO DAM 46 PADUCAH CAA PADUCAH NO 5 FIRE STA	-	-	-	T T 48	1.02	.15	Ť	-	-	T _	-	.35 .47 .04 1.05 .60	1.38 1.01 2.25	.10	.30 1.58 1.92 .25 .49	.36 .04 .03 .14 .10	1.28 .70 .44	.27	.07	.50	.02	.18 .10 .16	.03 .06	. 23			.66	.08 .30 .49	.07			5.36 6.14 6.73 - 3.65
											844	referen	os note	e follos	wino Sta	ation In	lav															

#### DAILY PRECIPITATION

KENTUCKY AUGUST 1949

															Day	of m	onth							_								Total
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PADUCAE SCS NURSERY B PADUCAE T V A PAINTSVILLE PIESVILLE PINEVILLE Z		т	.08 T .01	.01 .30 .14 .32	.30	.30 T .01	т	.02		.07	.54 T	.08 .54	.02 .07 T	1.47 .03	.55 1.48 .03 .87	.55 .12 .30 .47	T .18 .61	.04	т	.16	. 25	.05 T	.28				.85	.55	.59 .18 .33		.03	3.75 3.83 1.59 3.51 2.78
PLEASUREVILLE 2 S PRINCETON RAYENNA LOCE 12 RICHMOND TRACHERS COL RUMSEY LOCE 2 Z	.79		.02	.05	.62 .13	- .54 .05		. 20	.97 T	.05	. 96	.35	1.40	.25 .24 1.53	.38 .71 .70	.40 .48 .28 .37	.12	.06	. 25	.07		.33	1						.51 .25 1.75	4		4.08 4.00 8.47
RUSSELLVILLE RUSSELLVILLE SUBSTA SADIEVILLE WATER WORKS R ST JOHN BETHLEHEM ACAD ST MARY			.02			1.75 1.78 .30				.30	.36	.54	1.92 1.74 .85	.02 .23 T	.58 .03 .88	2,37	.02	.34	.05	.96 .80		.19 .21 .40	.05 .02 1.25	.14			.30	.11	.01 T		.06	
SALVISA LOCK 6 SALVERSVILLE R// SCIENCE BILL SCOTTSVILLE SEBREE WATER WORKS	т	. 27	. 28	.77 .10 .03 .25	.19	.23 .37 .07 .09	.07	.53 .03 .24	.31	.48	.02	.12 T .08 3.13	. 17	.10	.05	1.09 1.65 2.67 T	.14 .67 .03 .15		.23	.20 .17 .58	.06	. 24		.37	.14		.15 T	.04 .23 .67	.71		.11 .11 .07	6.10 2.44 4.16 6.44 5.95
SHELBYVILLE 2 W SHEPHERDSVILLE SMITHFIELD 4 S SOMERSET BIWAY DEPT SPRINGFIELD		.17		.29 2.01	.06	. 26	.10		, 16		.04	.08	.19	.18	.31 .82 .53 .72	1.02	. 84			.02 .14 .01 .18		.17					1.02	1.81 .28 .21	.19		.35	3,65
STEARNS SUMMER SHADE SUBSTA TATHAM SPRINGS TAYLORSVILLE TOMPEINSVILLE		.06	.05	3	.06	. 46	т	.36		2.23	-	T -	.02		.60	1.57 .05 1.57				.38 .35		.50	T	. 83	. 23	.92	.39	.16 1.04	.02	2		4.49 3.65 2.86 8.38
TOMPHINSVILLE TEL OFF TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN OAM 49 VALLEY VIEW LOCK 9	1.75		. 15	.25 .14 .48		.90 .80 .14 .03	.35		.01	.84			1.95		.81 .32 3.05		1	. 12	.15	1.04		.07	. 23 T	.02	.94	•		2.00 1.15 2.10	.32 T 1.43	2		3.50 8.01 3.9B 6.24 10.37V
VANCEBURG OAM 32 WAYNESBURG 6 E WILLIAMSBURG WILLIAMSTOWN WOLF CREEK DAM	z	т	.0	.10		.31	.58	.18		T .20	.10	.41	.20	.43	.41		.07	.04		.30 T	.12		.13	.10	.8	0		.30	.36	8		3.33 3.31 2.19 4.14 3.43
WOOOBURY LOCK 4	z				. 20	.19				.05		.0:	,1:	1	.03	1	.58	3	L	. 22	2	.14	.24	.17	1	Ш.	_	.13	. 20	,	1_	2.29

#### SEFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state haeis. There will be no duplication of numbers within a State. Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Coless otherwiss indicated, dimensional units used in this bulletin are: Temperatures in '7, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the Westber Bureau type pan of 4 foot diameter unless otherwise above h footnote following Table 6.

Ac of January 1, 1949, despoint values below 32'r, and relative bunidity values at temperatures below 32'r, are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these byros metric values before and after January 1, 1949, cambot accurately he combined without necessary conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 ars from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, and 6 ars for the 24 hours ending at time of observation. See the Station Index for observation time.

- No reservi.

  And also on later dates.

  Assout included is following measurement, time distribution unknown.

  Assout included is following measurement, time distribution unknown.

  Against the service of

- use or more days of record missing; see Table 5 for detailed daily records equipped with recording gage only.

  8 Storage precipitation status. Precipitation measurements, ande at irregular intervals, will be published in the June 18see of this published.

  10 Includes total for previous month.

  11 Charles of the following day.

  12 Soury measures from a recording gage at the came site may be found in Table.

Subscription Price: 15¢ per copy; \$1.50 a year. (Yearly subscription includes Annual Summary) Correspondence regarding subscriptions should be addressed to the Weather Recorde Processing Center 1300 U. B. Court Bouce, Chicago 4, Illinois.

Station						A	м Но	our end	ling									P	м Но	ur end	ing					-
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
BAXTER HARLAN WATER WKS HAZARD LUCAS MIDDLESBORO RR STA SOMERSET BIWAY DEPT STEARNS	//	1	-	-	-	-	-	_	-	_	. 10	. 32	-		.01	.02	.03	. 04	-	-	-	-	.01	.02		. 50 .03 .13 .17
BAXTER HARLAN WATER WKS BEREA COLLEGE BOWLING GREEN WB AP CLINTON CORBIN CAA 6		.01					. 01				.01	.05	. 03		.03	.02										. 20 . 02 . 02 . 02
COMBIN CAA 6 COVINGTON W B AIRPORT FLEMINGSBURG POST OFF FORDS FERRY DAM 50 GEST LOCK 3 HALEYS MILL HAZARD	6	-	-	-	.04	-	-	-	-	-	-	-	-	-	-	.01	.04	•	- *	*	. 49	-	-	-	-	.05 .49 .04 .07
BRIDELBERG LOCK 14 LOUISVILLE STAN W B AP LOUISVILLE WB CITY LUCAS MAYSVILLE DAW SS	//				.01			.01						. 18	. 02	.01		.01	.01		. 01	. 20	. 02	.04	. 01	.02 .28 .08 .18
MIDDLESBORO RE STA MILLERSBURG MOREREAD STA TEACH COL OLIVE BILL PADUCAH SCS MURSERY SADIEVILLE WATER WORKS STEARNS TATEAM SPRINGS UNIONTOWN DAM 49		•	-		-	-	-	.03	-	-	-	-	.02	.02	.05	.01 .02 .01 .06	.01	.01		-	-	•	-	-	-	.06 .05 .19 .06 .02
ADOLDHUS 1 M	//												-4 .84	th-			.01	.08	.11	.01						. 19
BAXTER HARLAN WATER WES BOWLING GREEN WB AP CARROLLTON LOCK 1 CORBIN CAA 6 COVINGTON W B AIRPORT DAYSLLA	// 6	-	-	-	-	-	07	-	-	-	-	. 01	-	-	- * .99	:	-	-	.02	.04	.17	.02	-	-	.01	.05
DATELIA DUNDEE BARRETTS FORD BR EDMONTON FLENINGSBURG POST OFF GODMAN AFBU FT KNOX BALKYS HILL BEIDELBERG LOCK 14	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.28	. 22	-	- * .04	:	.03	. 02	.07 .05 .50
ERRIDON LEXINGTON WE AIRPORT LIBRRIT LITTLE BICKMAN LOCK 8 LOGILICE 1 8 LOUISA LOCK 3 LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN WE AP MATSVILLE DAM 33 MC 11 LENSENGE MC	"//			.06				.02	. 01				. 16				. 07		. 07	.02	. 03	.01	. 20	. 13	.01	.02 .08 .07 .34 .29 .03
LOUISVILLE STAN W B AP MAYSVILLE DAM 33 MC KINNEYSBURG MILLERSBURG MOREHEAD STA TEACH COL OLIVE BILL PIREVILLE	<b>"</b>								.01			2,44	. 02 . 02 . 70	.54 .05 .22 .49		.01	.01	.06	.04							.03 .16 .10 .27 .63 .07 2.70 1.20 1.76
ST MARYS COLLEGE SALVERSVILLE SMITHFIELD 4 S TOMPKINSVILLE WOLF CREEK DAM WOODBURY LOCK 4	//	-	-	-	-	-	-	-	-	-	-	-	.01	.01	.08	.16	1.10 .15 .01	.09	.01	2.00	-	-	-	. 04	-	1.10 .24 .10 2.01
ADOLPHUS 1 N BAXTER HARLAN WATER WES BENTON 1 SW BEREA COLLEGE BOWLING CREWN WP AD	//	.01						.01	. 01				<b>-</b> 5	th—	.04	27	.02	. 02	.03	.01	.12		. 05	. 35	. 81	.23 .05 1.51 1.16
BERRA COLLEGE BOWLING GREEN WB AP CLINTON CORBIN CAA 6 DUNDEE BARRETTS FORD BR FORDS FERRY DAM 50 FRANKLIN WATER WORKS GODMAN AFBU FT KNOX HALEYS WILL HAZARD	6	.02	. 35					.01							.01	. 04	.03		.01	.10	.01	. 10		•	. 35	.14 .09 .09 .08 .13
BAZARD BERNDON LEXINGTON WB AIRPORT LIBERTY LITTLE BICKMAN LOCK 8 LONDON POST OFFICE LUCAS	//	.01		.01	.01	.02			. 01	. 01					. 05	.23	.60 1.12	. 55	.08	.01			. 09	. 17	.08	1.24 .04 1.28 .28 .03 .34 .03
LUCAS MADISONVILLE 1 SK MIDDLESBORG RR STA MILLERSBURG PADUCAH SCS NURSERY RUMSHY LOCK 2 SMITHFIELD 4 S STEANNS				.01	.01						.01		.01		. 21	.06	.04	.08	.05	.02 .01 .02	.03					.03 .05 .14 .02 .02 .30 .05
STEARNS TATHAM SPRINGS TOMPKINSVILLE UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4	//	.01	-	.01	-	~	-	-	-	-	-	-	-	-	-	.01	.06	.01	.06	-	-	.01	-	.02	.31	.02 .06 .31 .02 .04
BAXTER HARLAN WATER WES BEREA COLLEGE CONSTANTINE GODMAN AFBU FT KNOX HALEYS WILL	6	. 09		.03	. 89	.01	. 37	.04	.01	.02			<b>-</b> 61	th—												1.34 .14 .02
anabio mibb			.01							. 02																.03

KENTUCKY AUGUST 1949

Table 4-Continued						A. N	A. Hou	r end	ing										P. M.	Hou	r endi	ng					1031	1949
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4		3	6	7	8	9	1	10 1	1 1	2	Total
HEIDELBERG LOCK 14 HERNDON LEXINGTON WB AIRPORT		1.18	. 04	.06			. 01		. 18	.01				l			. 5	0	.01					-				1.30 .20 .65 .68 .04 .16 .84 2.60 .37 .S6 .39
LEXINGTON WB AIRPORT LIBERTY LITTLE HICKMAN LOCK 8	//	. 01	. 04										. 02	. \$3	.08	.02		υ,	01					1				. 6S
LOUISVILLE WB CITY	′′	.03	. 01										ļ		. 65	. 17	.0	2										. 16
LOUISVILLE WB CITY SALVERSVILLE	//			. 33	.03	.01								. 04														37
SAUTERSVILLE SOMERSET BUMAY DEPT TATBAM SPRINGS UNIONTOWN DAM 49 WOLF CREEK DAM	//	. 11	.01												.21	.34	. 0		27		. 09			r				.39
WOLF CREEK DAM	//							. 01	. 01				-71	h_			. 4	3 .	12					1			1	, 57
												,01	- 1	11-			1							V				38
ADOLPHUS 1 N BENTON 1 SW CLINTON	//	. 01		. 02	. 19	. 07	.06				.31	,01												1				.38 .07 .29 .39
GEST LOCK 3 GODMAN AFBU FT KNOX	6		.06		-						.02											, 20	5 . 1	.3				
HERNDON						. 30	. 08		. 10	. 05	. 02						. 2										-	.17 .25 .35 .82
KENTUCKY DAM LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY		. 02				. 30	. 00						.03	.02					. 73	.02 .06 .75								. 82 . 08 . 88
LOUISVILLE WB CITY													-8	th					. 03	.78	. 10							.00
ADOLDHILL 1 N	//												. 25											Ŋ.				. 75
ADOLPHUS 1 N GEST LOCK 3 HERNDON LOGLICK 1 S	,,													.28				)7						П			1	.28
LOGLICK 1 S LUCAS PIKEVILLE														.04	, 31				. 02									.75 .07 .28 1.00 .33 .02 .53 .66
SALYERSVILLE TOMPKINSVILLE	//												, 66		. 01	4	9 .	01	. 02					A				.66
													<b>-</b> 6	th-										Y				
ADOLPHUS 1 N BAYTER HARLAN WATER WKS	//												.04	.01	. 43		3 .	01						Ш				. 88
BAXTER HARLAN WATER WKS BENTON 1 SW BOWLING GREEN WB AP									.01				*		.30	. 0	1	11	.01		. 01			1				. 32
DUNDEE BARRETTS FORD BR EDMONTON																.0	1		.01	. 01		. 0	6	Т				.03
FORDS FERRY DAM SO FRANKLIN WATER WORKS HALEYS MILL BAZARD HERNDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.	05 01	- 11	-	-	-	-	1	-	-	-	.88 .06 .17 .32 .13 .03 .06 
BAZARD HERNDON LONDON POST OFFICE	//														. 24	. 1	3 .	10	. 02	.02								.51
LUCAS													. 05	.08					.46 .11 .01	.10	. 01	ι		М				.57
RUMSEY LOCK 2 SOMERSET RIWAY DEPT TOMPKINSVILLE WOLF CREEK DAM WOODBURY LOCK 4		1.			-	_	_	Ň.	_	_	-	_	-	-	_	_	-		.01	.04	-	3 -	-	H	-	-	-	.16
WOLF CREEK DAM WOODBURY LOCK 4																	1	03		. 16				1				.18
													-1	Oth	-		1											
MAYSVILLE DAM 33 MOREHEAD STA TEACB COL OLIVE HILL	11																	02	.04	. 02								.04
OLIVE HILL													-1	lth-	_		1.	02		.02								
ADOLDHUS 1 N	//																	01		. 04								. 04
ADOLPHUS 1 N BAXTER HARLAN WATER WKS BENTON 1 SW CARROLLTON LOCK 1	//															.0	14 . 15		. 70									.04 .03 1.49 .05 .70 .07 .09 1.36 .63 .41 .76 .59 .54
CARROLLTON LOCK 1 FORDS FERRY DAM 50 HALEYS MILL HERNDON											.06	. 01		.17	'			02	.02	,03	. 0							.07
HERNDON KENTUCKY DAM															1.3	2 .0			.01	, 63		•						1.36
LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP															. 0	. 6	ss :	41 11										.41 .76
HERNDON KENTUCKY DAM LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY MAD SONVI LE 1 SE PADUCAB SCS NURSERY ST MARYS COLLEGE													, 36	. 53	0	ь		<b>S</b> 3	. 01									. 54
					-		_	1_	_	_		_	_	-	_	_			.01	. 02	- 0	1 -	-	1	-	-	-	.04
TOMPKINSVILLE UNIONTOWN DAM 49 WOODBURY LOCK 4	//												. 09	.02	. 1	1	1.	02	.01									.03
														2th														15
ADOLPHUS 1 N BENTON I SW	//											. 0	.07	1.59	.6	0 .2	es .	88										.1S 3,29 .01 .94
BENTON I SW BOWLING GREEN WB AP CLINTON																	1	92	.02 *	.03	3							.94
BOBLING GREEN WB AP CLINTON CORBIN CAA 6 COVINCTON W B AIRPORT DUNDEE BARRETTS FORD BR FIEMINGSBURG POST OFF FORDS FERRY DAM 50 FORDS FERRY DAM 50	6									. 0	1 .06	5 ,0	L			•			•	•		.:		15	.18	, 06	.01	.08
FLEMINGSBURG POST OFF FORDS FERRY DAM 50									. 0	5	. 07	7 .1:	2 . 3:	2 .04	3 .0	2			.18					09				.08 .67 .23 .61 .34
GEST LOCK 3			•			, 17	7 .1	7 .0	4	. 0						1			•	. 06	ь		L9 .	09				1.17
HEIDELBERG LOCK 14 KENTUCKY DAM	//														. 1	.1	10 .	04	. 04		8			03	.03	. 02		.12 .18 .08 .33 .22
RALEYS MILL HEIDELBERG LOCK 14 KENTUCKY DAM LEXINGTON WB AIRPORT LOGLICK 1. S LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWAN FLD LOUISVILLE BOWAN FLD LOUISVILLE BOWAN FLD LOUISVILLE BOWAN FLD LOUISVILLE BOWAN FLD LOUISVILLE BOWAN FLD LOUISVILLE BOWAN FLD LOUISVILLE BOWAN FLD LOUISVILLE BOWAN FLD LOUISVILLE BOWAN FLD LOUISVILLE BOWAN FLD WAYSVILLE DAW 33 WC KINNEYSBURG															. 2	0 .0	02				.1				.16			
LOUISA LOCK 3 LOUISVILLE BOWMAN FLD																					1	0 1.	9 .	02 08 01				. 11
LOUISVILLE STAN W B AP LOUISVILLE WB CITY MADISONVILLE 1 SE					. 2	3 1.10	0 .2	2 .1	S , 1	D	. 19	9 ,6	3 .1	0 .0	1						. 2		36 . 02 2.		.43	. 12	.01	.11 .31 1.77 2.73 2.66
MAYSVILLE DAM 33 MC KINNEYSBURG MILLERSBURG																							)4 .	07 44	.43 .06 .10	.12 .25 .08		. 42 . 6S
MILLERSBURG																												

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						A N	4 Hou	ır endii	ng									P N	1 Hou	r endir	g					9
Station	1		2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
OLIVE BILL OWNSERGRO DAW 46 PADUCAR CAA PADUCAR SCS NURSERY PIESVILLS VERSERY PIESVILLS VERSERY SANTEVILLS WATER WORKS SALTERSVILLS // WINDOWS IN DAM 49 WOODBURT LOCK 4				.09	.05	.12	.08	.70	.45	. 83	.08	.02	.01	.03 * .01 .01		.12	.04	.09	1,05	.01	.01		.03	.02		05 2 26 08 01 1.48 .54 .12 .05 1.90 .02 .10
BAXTER HARLAN WATER WES BEREA COLLEGE CARROLLION LOCK 1  // CARROLLION LOCK 1  // CARROLLION LOCK 1  // CARROLLION LOCK 1  GEST LOCK 3  GEST LOCK 3  GEST LOCK 3  GEST LOCK 14  MESINCON  LOUNDON POST OFFICE  LOUISA LOCK 3  LOUNDON POST OFFICE  LOUISA LOCK 3  MATSVILLE DAW 33  MODELSENDE RE STA  MODELSENDE RE STA  MODELSENDE RE STA  MODELSENDE RE STA  STATUTILLE WATER WORKS  SOURCEST HARA DEPT			.17	. 06					.01	.01	.22	.06	.93	.05	.01	.05		.02	.11		.33 2	.10	.01	.04	* .04 .04 .01 .02	. 33 .04 .99 .13 .08 .04 .04 .01 .17 .17 .249 .03 .03 .76 .50 .38 .02 .85 .02
SOMERSET HIMAT DEPT TATHAM SPIN SINGS  BENTON 1.5Y BENERA COLLEGE BOWLING GREEN WE AP CARROLITON LOCK 1 CORBIN CLAR TO ANY B AIRPORT DANYLLON WE AIRPORT FORDS FERRY DAW 50 GOODMA AFBY PTIOX BALEYS WILL HEIDDARGE LOCK 14	.0		. 05				. 02				. 06	.02	.01		.01	.08 .46 .06 .06 .01	.01	. 01		1.20	.05	.02	.02	:	.12	.02 1.28 2.21 .06 1.46 .23 .02 .02 1.61
BIOGENTILLE NAT PARK ESTRICKT DAN BIEPORT LITTLE BICKMAN LOCK 8 LOGILST 1.8 LO													1,02	. 83	.05	.01 .01 * .02 .01 .05	1.35 .02	.28 .10	.28 .02 .01	.04	.07	.03	.03	.08	.04	.02 1.78 .08 .71 .30 1.46 .04 .01 .01 .13 .22 1.90 1.47 .02 .66 .23 .18 .10 .28 .01
BAXTER HARLAN WATER WES BEREA COLLEGE CARROLITON LOCK 1 // CORBIN CAR 6 DAVELA W B AIRPORT DAVELLA W B AIRPORT FLEN HORSBURG POST OFF GEST LOCK 3 GORDMA KFDB JT ENOX 6 EIEDENERS LOCK 14 //			. 29	. 01	.14	. 06		*	.01		•	. 07	.18	.09		.20 .07 *	.18 .11 * * *	.01 .12 *	.36	.44	.01	.03	* .17 .14 .47 .05 *	.01	.03 .66 .02 .01 .01	.80 .66 .40 .30 .17 2.05 .33
BEIDEMENG LOCK 14 BROCKEVILLE MAY PARK LEXIMOTON TO AIRPORT LEXIMOTON TO AIRPORT LITTLE BIFLORM LOCK 8 // LOGICK 1.8 OFFICE LOGISTANCE 5 LOGISTANCE 5 LOGISTANCE STAN W B AP MADISONYILLE 1.98 MADISONYILLE 1.98 MADISONYILLE 1.98 MATSYLLED HAM 33 KE KINNYISSONG MATLEMENTISSONG METATOLOGISTAN STAN WILLESSONG	.00	)5 )5	.01	. 05		.04	. 01	.01		.07	.01		.03	.02	.06	.01 .01 .05 .09 .01	.01	.03 .03 .03	.02 .01 .04 .09	.01 .07 .13 .04 .07	.80 : .02 .03 .11 .20 .13 .02 .01	.06 .03 .13 .16 .13	.53 .02 .19 .01 .05 .02 .04 .04 .03	.06 .03 .06 .14 .03 .01	.01 .04 .18 .06 .02 .01	3,62 12 58 51 28 16 36 40 76 1.02 12 2.36 49
MILLERSBURG MORREEAD STA TEACH COL OLIVE BILL OWENSBORD DAW 46 PADDCAH CAA PADDCAH CAA PINESTER CAA PINESTER SURSERY PIKEVILLE			.02	. 15	.25				٠					.43	.53 1.53 .02 *	.05 .04 .01 *	.11	.05	.02	. 05	. 40	. 35	.03	٠	. 08	. 45 .75 2.32 .04 .55

KENTUCKY AUGUST 1949

Table 4-Continued					Α.	м Но	ar end	ing									P. N	4 Hou	ır endi:	ng					1949
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
RUMSEY LOCK 2 SAOIEVILLE WATER WORKS ST MARYS COLLEGE SALTERSYLLS SOMENSET HIWAY DEPT STRAMS STRAMS TATHAM SPRINGS WOLF CREEK DAM	.01		. 01	.01				. 02	. 48	.02		.02	.03	.34	. 02			.02	.02	.01 .18 .07	. 32 . 07 . 15 . 04 . 02	.11 .22 .01 .20	.25	.02 .01 .09	.03 .58 .88 .05 .53 .72 .88 .60
ADOLPHUS 1 N // BAXTER HARLAIN WATER WES BEREAS COLLEGE BOWLING GREEN WE AP CORBIN CAA 6 COVINCTON WAS 6 COVINCTON WE BARRETTS FORO BR	.01	.01	:	*	:	. 15	:	. 02		.01	.02	.08	.18 .05 .04 .35	.01 .09 .23 .89	.79	.09		.04						.01	1.12 .30 .20 .83
UNDEE BARKETIS FORU DR FLEMINOSSUUG POST OFF FOROS FERRY OAM 50 FRANKLIN WATER WORKS GOOMAN AFBU PT KNOX 8 HALEYS WILL HAZARO HEIDELBERG LOCK 14 //	:	. 06		- 01	-	-	-	08	.02	46	-	19	12	-	-	-	.01	-	-	-	:	:	.04	.01	.04
MENDON HE DICTURE LOCK 14 MENDON HOGGENVILLE MAT PARK LEXINGTON WE AIRPORT LIBERTY LITTLE BICKMAN LOCK 8 LOGICK 1 S LOGICK 1 S LONDON POST OFFICE LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP	.01 .29 .02	.02 .02 .01	. 01	.01	.01		. 02		.02	. 12	. 24	.08	.01	.02		.10	.17	.02	.04				.04	.01	1.66 .12 .42 .03 .54 .47 .05 .07 .80 .29 .11 .33 .02 .02 .26 .19 .05 .42
MAYSVILLE OAM 33 // MC KINNEYSBURG // MIOOLESBORO RR STA	.01	.01			.01		.02			.02		.01	.04	.17	.10	.04	.03	.04	. 15		.05			.08	.29 .11 .33 .02 .02 .26 .19
MOREMEAD. STA TEACH COL OLIVE HILL OWENSBORO OAM 46 PAOUCAH CAA PIKEVILLE RUMSEY LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE	. 04	.01	.01							.02	.02	. 04	.15	.08	.01		•	. 14	. 15						.05 .42 .30 .27 .20 .02 1.02 .95 1.57
SI MARTS COLLEGE SMITHE IELD 4 S SOMERSET HIWAY DEPT STEARNS TATHAN SPRINGS TOMPKINSVILLE WOLF CREEK OAN WOODBURY LOCK 4	.01	. 58	.01	. 02	-	. 02	.01	.02	. 01	.01	. 04	.14	_	.01 .01 - .05	.01	-	- 02	-	-	-	-	-	-	- 3	1.02 .95 1.57 .05 - .85 .55
BANTER HARLAN WATER WKS BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1 // COVINGTON W B AIRPORT 6		.01	. 01		.02	. 01		. 01			. 47	-17 .02 .43		-	.01					.08	.07	. 49	.02		.68 .06 .54 .43 .12
OAVELLA EOMONTON FLEMINGSBURG POST OFF FRANKLIN WATER WORKS GODMAN AFBU FT KNOX 6 HEIDELBERG LOCK 14 HERNDON LEXINGTON WB AIRPORT	:	2.30	-	-	-	-	.01	02	-	-	-	-	-	. 02	-	05	.03	-	-	-	-	-	-	.55	.10 .03 .55 -
LEXINGTON WE AIRPORT LITTLE HICKMAN LOCK 8 LOGICIC 1 S LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWMAN FLO LOUISVILLE BOWMAN FLO LOUISVILLE WE CITY HIOLESBORG RR STA		. 01	.01	.02	.01	.01	.01	02		.07	. 01		.09	.02	.08		. 06	.1	4			.28			.02 .02 .31 .03 .08 .05 .58 2.03 .45 .08 .05 .10 .59 .67 .14 .45
LOUISVILLE WB CITY MIGHLESSONG RR STA MOREMEAD STA TEACH COL PIKEVILLE SALYERSVILLE SALYERSVILLE SALYERSVILLE SATATHAM SPRINGS WOOGBURY LOCK 4	. 10				.21	7 ,34	.0:	3 ,30	0 .00	.01	. 02		.01	.01 .14 .06			. 15	.0	1					. 24	.05 .10 .59 .67 .14 .45
BEREA COLLEGE OUNDEE BARRETTS FORD BR LEXINGTON WE AIRPORT LOUISVILLE BOWMAN FLO MAYSVILLE OAM 33 // MC KINNEXESDUNG OVENSBORD OAM 46 SYMTHETE LOL 4 S	. 26	.08	.01	.08				. 0:		2	. 01	L	3th-	•					.05	•					.17 .17 .28 .10 .04 .08 .08 .15 .05
ADOLPRUS 1 N BENTON 1 SW BOWLING GREEN WB AP CONSTANTINE OWNEE BARRETTS FORO BR EDWONTON FORDS FERRY OAW SO FRANKLIN WATER WORKS	. 0:	1 -		-	.0	8 .8	-	-		-	-	-19	9th-   .07			.01	.09	.0	1 .13	3 1.1	9 .0	5 .12 4 .02 2 .16	2 .05	. 02	.88 1.07 .15 .32 .28 1.51
HALEYS MILL HERNDON HODGENVILLE NAT PARK LIBERTY LUCAS															. 6	.09	.41	2 .1	.04		5 .0	.05	. 0	. 02 5 . 02 2 . 08	.07

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					A M	4 Hou	ır ondi	ng									PN	f Hou	endia	q					7
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	0.	12	To I
MADISONVILLE I SE OPERSHONO OAM 46 OPERSHONO OAM 46 NIMSET LOCK 2 ST MARTS COLLEGE SMITHET FILD 4 S STRANDS STRANDS UNIONO OAM 49 WOLF CREEK OAM ROODBURY LOCK 4	-		-	-								-20	69 th-	.04	. 39	.01	.17	.18 .10 .08 .01	.17 .05 .10 .01	.02 .25 .03	.12	.01	.04	.02	1, 10 53 76 .05 02 02 -1 1 00 .12 .21
COUSDY ONE 45 BATTER BAILWAY WATER WAS BATTER BAILWAY BATTER BAILWAY BATTER BAILWAY GONDHICAS GOUNDES BARRETTS FORD BR FONDWITCH GOUNDES BARRETTS FORD BR FONDWITCH LISBRIT LISBRIT LISBRIT LICAS LICA	.01	* .01 .07 .01 .03 .02 .02 .01 .05 .01 .02	.05 .11 .01 .04 .04 .06	.04 .02 .04 .03 .02 .01	.03** .02.03.01.02.01.02.01	.01 .03 .20	.01 * .03 .02 .04 .04 .03 .07	.01 * .03 .01 .04 .02 .05 .04	.02	.08 *	.03	.06	* .02	*	* ,07	. 05		.01	. 03						.35 .09 .08 .06 .04 .04 .18 .24 .22 .05 .09 .34 .03 .19 .14 .12 .20 .01 .18 .06
COURSES N // CORBIN TO AP CORBIN CAA 6 CORBIN CAA 6 FRANKLIN WATER WORES GOOMAN AFD PT KNOX MOOLASSORO CAM 46 DENSENDRO CAM 46 FOREST BIWAY OFF STRANKS USE FORES	.01	.07	:		:	.03	-		-		•	•	.02	.01	.01 *02 * .03 .16	.01	* - * . 10 . 02	.07		.02	.01	.07	.12	.07	.27 .06 - .15 .35 .05 .02 .03 .12 .21
ADDISON OAM 45  AATTER RABLAN WATER WES BENTON 1 SW BOWLING GREEN WE AP BOWLING GREEN WE AP COUNTY OAM WE BAIRPORT OUNDES BARRETTS FORD BR FORDS FERRY OAM 50  GOST LOCK 3  FRANKS  AND SOME SERVICES  FRANKS  AND SOME SERVICES  FRANKS  AND SOME SERVICES  FRANKS  FRANKS  AND SOME SERVICES  FRANKS  FR	.01 .01 .02 .01 .03 .02 .01 .02 .03 .03 .01 .01	.05	.02	.05	.02 .03 .05 .1106	.04 .02 .01 - .11 .01 .07	.12  .01 .02 .01 .02 .14 .01 .01 .01 .01	.04 .04 .07 .01 .09 .01 .05 .04 .08 .01 .01	.01 .17 .01 .02 .03 .03 .03 .00 .01 .01	.01 * .05 01 .01 .01 .02	* .10 * * .05 .09	.01 .12 .02 .05 .02 .04 .04 .01 .04	.01 * .05 02 * .12 .01 * .01	.12 * -0.04 .26 .01 .01 .01 .16 .01 .10 .02	.277 * .01 .18	.04 * .03 .03 .01	* .0202 * .03 .03 .02 .01 .09 .02	.01 .01 .02 .01 .01 .03 .03 .03 .04 .08	.07	.01 .13 .0117 .01 .01 .01 .01	.04	.01	.01	.01	.233 .244 .254 .254 .254 .255 .255 .255 .255
DOE T	.01				San rai			- U.L	. 0								. 13	, 01							, 10

KENTUCKY AUGUST 1949

						A I	M. Ho	ar endi	ng									P. M	f. Hou	r endir	ıg					7
Station	1	2		3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
ANOLPHIS 1 W BA BOWLING GREEN WB AP EDMONTON LONGON POST OFFICE LIKES TOWNER INSVILLE WOLF CREEK DAM									- 10			-	-26	th-		.91	.68	.01	.03 .01 .08	.01 .02 .01 .21	.08					.05 .11 .09 .21 .75 .83 .55
ADDISON DAM 45 BENTON 1 SW BEREA COLLADOR BOWLING CREEN WE AP CARROLLTON LOCK 1  CON INGTON WE AIRPORT FLEM NOSSURE POST OFF FORDS FERRY DAM 50 GEST LOCK 3  GEST								.01		. 05	. 12	.02	.16	.02	.03	.06 * * .78	.38 .21 * .19 .12 * .02 .01	.26 .04 * .09 *	.01 .01 * .13 .01 *	:	*.09	•	*		•	.16 1.05 .05 .06 .26 * .19 .43 .22 .80 .08
RODGENYILLE NAT PARK ESTIVENY DAL AIRPORT LOGICKE 1 S LOGICKE 1 S LOGICKE 1 S LOGICKE 1 S LOGICKE 1 S LOGICKE 1 S LOGISVILLE STAN W B AP WAS SAVILLE STAN W B AP WAS SAVILLE 1 SE MAYSVILLE SHRIPO OVENERGRO DAM 46 OVENERGRO DAM 46  PADUCAN SCS. NUSERY RIMSSY LOCK 2 SANITYLE DATE SMITTH FIELD 4 STATEM SPR INGS UNIOTOWN DAM 49  // WOODBERT LOCK 4				:	:	:	:	:	. 36	•	. 55		.04		.30 .30 *	.05 .03 .05 *	.68 * .24 .32 .14 * .03	.74 .17 * .01 .05 .01 .01	.04 .16 .08 .01 .65 .04 .01	. 03	.05				.01	.09 .05 .29 .10 .20 1.46 .16 .28 .46 .65 .30 .73 1.02 .39 2.05
ADDISON DAM 45 ADDIDUTS 1 N ADDIDUTS 1 N ADDIDUTS 1 N BEATER HARLAN WATER WKS BERTON 1 SW BEREA COLLEGE BORLE CHEEF TO AD COLLEGE COLLEGE BORLE CHEEF BORLE CHEEF COURS MAKE TO AD CONSTANT INS COURS IN CLAS DAVEL A W B AIRPORT DAVELLA W B AIRPORT DAVEL AN AD AIRPORT EMBOUTTON ELEMOTTON		. 0	)1	•			. 02	:	.01	.02 .01 2.19 * * * * * .63	.23 .07 .02 .18	.20 .05 .05 .01 .24 .17 * .04	.01 .08 .17 .06 .01 .66 .04 .21 .01	.05 .07 .13 * .01 .02 .03	.01 .07 .02 .03 * .99 .04	.04 .06	.03 .05	.02 .43 .04 .08	.01 .18 .38 .05	.04	.03	:	•	:	.03	. 21
PRANKLIN WATER WORKS  GEST LOCK S  GOODMA AFBU FY RNOX 6  RALEXS HILL  HE IDELEREG LOCK 14  HERROWLEN HERROW  LERROWLEN HAT PARK  RENTUCKY DAM  LEXINGTON WAS AIRPORT  LIBRATY  LIBRATY  LIBRATY  LIBRATY  LIBRATY  LOGLICK 15  LONDON POST OFFICE  LOGIUS LOCK S  LOGIUS LOCK STAN W B AP  LOGIUS VILLE STAN W B AP  LOGISVILLE STAN W B AP  LOGISVILLE STAN W B AP	-	-		-	.01	.01	. 14	.08	. 40	.01 .03 .12 .05	.14	* .10 .01 .13 .10 .07 .43 .05 .06	.09 .06 .02 .01 .07 .01	.01	.02 .03 .01 .06 .03 .01	.01	* .03 .01	- .04 .08 .01	.01	.07 • .03 .02 .01	.03	.06	.14	-		.24 .01 .45 .17 .73 .46 .10 .96 .96 .20 .23 .38 .23 .31 .11 .11 .13 .82 .25 .28 .25 .20 .23 .20 .20 .20 .20 .20 .20 .20 .20 .20 .20
LUCCAS  MADISONVILLE I SE MATSVILLE DAM 33  WE KINERESBUGS TA MILLERSBUGS  MILLERSBUGS TA MILLERSBUGS TA MILLERSBUGS  MILL				.01	.01	.01	. 02	.02	.01 .02 * .02 .03 .01	.08 .01 .01 * .02 .16	.01	.37 .01 .08 * .38 .01 .09 .02	.06 .01 .04 .06 .12 .45 .06	.01 .04 * .06 .02 .02 .17 .02 .02 .02 .02	.06 .01 .02 * .01 .02 .05 .36 .09 1.03 .01	.11 .16 .01 .01 .02 .21 .22	.65 .01 .21 .02 .01	.02 .02 *	.01 .60 .05 .02	.03	.01	.44	.01	.06	.04	1.75
TATEMS SPRINGS TATEMS SPRINGS TO THE	. 01	. (	01 01 03	.01	. 02		.01		.01	.01		.09	. 22	.01		.05	.17		.01							.14 .05 .37 .24 .17 .04 .06 .05 .06

KENTIK KY

AUGUST 1949

					A.	M Hou	ar end	ing									P 1	4 Hot	ar endi	ny				
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
TSYILLE DAW 33 RINWATSBURG RRHEAD STA TRACE COL REWIND STA TRACE COL REWIND STA TRACE WORKS UNERSYLLER READ STRATES READ S	. 01	.00	.01	.01	.01	.01	. 01	.01		-	. or.	-3.	-	.45	.02 .15 .01 .04 .15	.02 .04 .01 .01 .28	.04	.04		.21		. 05	.04	.00

## DAILY TEMPERATURES

KENTUCKY AUGUST 1949

Station	+	1	77   58   58   54   54   53   53   55   54   57   56   56   57   57   57   57   57														31	Average														
CBORAGE	MAX	1. 2. 3. 4. 5. 6. 7. 6. 9. 10. 11. 12. 13. 14. 13. 15. 17. 10. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 31. 32. 32. 33. 34. 35. 35. 35. 35. 35. 35. 35. 35. 35. 35														_																
	MIN	57	58	68 87	64 83	63 86	65 87	63 90	66 87	65 91	65 94	67	70	71	71	71	71 87	71 1	67 6 79 8	3 58 5 84	55	61	61 78	82	59	92	94	65 92	63 79	55 82	86	86. 63. 86.
VER OAM	MIN	57	57	63	69	66	66	63	63	65 95	65 96	66 97	68 89	69 90	71 92	72 92	71 88	92	62 6 93 8	4   60	77	56 73	56 79	62 85	62 91	63 94	65 87	82	84	87	57 88	63. 88.
HAM	MIN	91	88	87	83	89	85	90	91	90	88	91	92	91		94	87	75	83 8	4 83	52 80	82	59 84	59 84	62 88	92	65 88	92	87	91	83	87
HAM EA COLLEGE	MIN	55 85	58 84	67 88	63 89	61 89	58 85	65 87	64 88	60 90	62	64	65	66	65	70 87 71	70 81 71	70 85 71	70 6 84 8 71 6	4 61 2 76 2 58	80 54	57 77 63	62 82 65	62 86 58	60 90 60	89	63 89 65	63 73 66	64 78 64	55 83 56		87. 62. 85. 64.
LING GREEN WB AP	MAX	86	92	89	90	89	68	68	67	92 67	92 64	92 69	85 70	89 68	89	90 74	93 72	88 72	91 8 71 6	3 79	73 58	75 62	80 62	86 63	88 62	91 65	68		61	84 58	85 60	86 65 87 64
GIN OIX OAM	MAX	84 57	60	91	90	86	86	88	90	93	93	94 67	93 68	92 70	92 71	73		69	88 8 72 6	6 81	81	78 64	63	87 59	91 60	65	66	66	64	56	63	64
PSELLSVILLE	MAX	85 58	88	90	88	63	65	87	60	91 60	93	94 63			92	91		90 72	89 8 71 6	5 6	78 55	64	61	87 60	61	65	92 66	66	63	57	85	87 62 84
BIN CAA	MAX	85 54	85 60	82 66	64	89 61	84 66	86 63	89 62	91 62	62	91 65	90 64	93 66	90 69	90 68	77	70	87 66	2 60	60	62	64	60	62	61	63	65	58	54	58	62 85
INGTON W8 AIRPORT	MIN	83 56	87 61	90 67	84 63	87 64	87 62	90 64	90 67	93 69					72	71	69		67 €	52 50												63
VILLE	MAX	82 56	60	87 65	88	65	88	65	65	66	91 65	91 67	92 68	91 70	92 70	92 70	88	86	89 8 71 6	33 83	78 8 55	82 59	77 62	83 62	87 61	92	92 68	92 66	73 64	83 56		86 64 87
DS FERRY OAM 50	MIN	87	88	90	89 64	88	90 65	89 66	93	92	94	93		90 68	90 70	91 71	89 71	91	92 8 67 6	66 7	78 5 56	78 57	82 58	86 59	60	63	63	60	56	57	49	62
NKFORT LOCK 4	MAX	84	88 58	90	94	92 65	93 65	89	92	90 66	93 65	94 65	96 67	94 69	91 71	91 72	89 72	87 70	88 8	8 8	1 57	58	63	59	59	59	65	66	64	57	57	88 63
ENSBURG	MAX	82 59	83	87 64	88 67	87 67	69	83 66	87 64	90 65	90 65	91 68	94 70	90 70	92 71	73	92 73	85 72	86 72	39 8 37 6	2 57	60	63	62	63	64	67	68	62	59	60	85 63 86
ENVILLE 2 W	MAX	86 57	89 59	90 61	90 64	89 64	88 66	87 67	91 65	90 66	91 65	91 69	82 68	89 68		90 73	90 71		90 I	84 7 67 6							67	1 1	- 1			64
0EL8ERG LOCK 14	MAX	86 55	60	69	90 65	66	85 67	88 64	65		92 65	92 67	90 66	90 71	90 71	86 72	83 72	85 72	71 (	80 7 63 6	5 80 0 57	75 64	66	86 61	91 61 90	90 64	92 65	78 66	80 65 84	84 58 84	86 60 86	85 64 87
DERSON 4 5W	MAX	87	89°	63	89 64	89 64	91 67	89 65	93 67	95 67	93 66	70	67	91 67	70	67	71	73	70	57 6	1 54	63	62	60	62	61	66	64	60	57	60	85
DMAN SETTLEMENT SCR	MIN	81 55	86	82 67	82 66	86 64	66	85 65	61	63	91 63	92 67	92 65	66	69	68	69 69	67	69	63 6	0 59	60	65	63	61	63	63 85	69	65	57	58	6:
KINSVILLE 2 E	MAX	79 59	88 59	90 61	88 65	66	85 64	68	87 66	67	65	65	64	65	67	72	71	70	70	68 6	3 56	64	63	64	64	63 92	68	67 77	62	57	60 85	8' 6-
INGTON	MIN	57	88 59			88 64	68	66	66		66	69	68												62					1		
TCHF I ELD	MAX MIN	58	88 59	64	89 64	63	66	88 67	90 65	88 66	91 65	68	87 67	64	88 70	90 70	86 70	69	88 69		8 78 0 54	58	78 58	62	64 90	65	68 91	66	67	60	62	6 8
INGTON WB AIRPORT	MAX	80 59	86 62	87 65	89 67	84 65	86 64	87 64	67	90 67	90 67	69	68	70	71	72	70	70	66	64 5	7 55	64	63	60	63	68	67	67	62	58	56 85	8 6 8
JISVILLE STAN WB AP	MIN	85 61	61	93 65	69	65	68	92 65	69	67	67	70	68	69	72	71	71	73	71	66 5	9 55	63	63 80	63 86	62 91	64	67 87	66	62 79	58 81	64 82	6 8
UISVILLE WB CITY	MAX	63	66	88 69	71	69	69	67	71	72	71	72	72	74	74	74	73	75	73	67 6	2 57	64	65 85	65 85	66 87	69 90	70 89	67 82	64 85	60	65 84	8
FELACEVILLE						66	69				68																			00	82	
DISONVILLE 1 SE	MIN	56	60	90 62	91 64	90 64	90 66	89 67	90 66	94 67	92 68	92 69	91 68	68	89 71	88 73	71	88 71	89 72	68 6	0 54	59 73	62	66	63	62	67	67 88	63	57	61	8 6
MMOTR CAVE PARK	MAX	82 53	83 52	88 61		70	88 65	62	60	63	59			65	67	69	69	68	67	69 5	9 53	58	59	57	90		62 94	63 82	60	52 86	57 87	8
NCHESTER	MIN	88				90								89												93	90	80	84			
YFIELD 2 5	MAX	89 55	58 58	63	90 62	63	64	64	65	65	65	66	67	67	68	69	68	67	69	67 6	2 54	60	57	59 75	59	61 90	66 90	63 92	60 74	58 79	59 83	8
YSVILLE OAM 33	MAX	55	57	61	67	63	63				64						68															
00LESBORO	MIN	57	82 63	80 68	87 66	65	69			92 65	92 66	95 67	91 68		68	94 70	72	69	90 70	65	3 6	57	65	64	66	64	66	68 83	65 81	58 85	60 86	3 8
UNT STERLING	MAX	89 56	61	89 69	65	90 62	66	92 63	65	92 64	94 65	95 67	68	70	73	72	71	68	72	65	0 55	1 76	66	61 86	62	65	68	68 82	65	57 86	63 89	
IRRAY	MAX	87 57	89 59	62	65	65	67	69	67	67	66	67	69	69	72	73 92	70	71 91	71 91	68	55 56	64 81	60 75	62	61	61 91	68 92	66 87	61 80	57 85	59 88	3
ENSBORO	MAX	85	90	92 64	63	62	64	64	65	65	65	68	66								58 54 79 7	60	62	61 86	64	61 90	68	64	58 84	85	84	
DUCAH CAA	MIN																			70							68		61 85		87	
ADUCAS NO 5 FIRE 5TA	MIN	83 55			63	64	89 67	89 67	67	66	67	70	91	91 68	71	91 69	70	70	93 72		35 5	4 59	59	60	62	61	65	66	59 84	55 86		
KEVILLE	MAX	87	88 65	86 68	89	89	87 68	90	90	94	95	95 68	69	94 69	93	93	67	68	68	63	51 5	9 61	62	65	65	65	67	67	61 80	61 83	60 79	7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
RINCETON	MAX	87 58	88	87 62	90 62		67	68 68	92 67	67	88	68	82	73	73	73	72	71	71	70	52 5	6 62	59	65	66	6 60 5 89	62	61 90	59 73	48 80	50 82	1
CRMOND TEACBERS COL	MAX	80 56	83 59	87	88	67	67	64	66	62	64	68	68	71	69	72	70	71	71	63	59 5	5 63	65	60	86	0 64 6 90	66	66	64 82	55 85	62 86	6
J5SELLVILLE	MAX	84	87	91	89	92																							l	80	84	П.
JOHN SETHLEHEM ACAD	MAX	5.8	8 57	87 7 64	63	3 64	68	8 86 8 65	64	64			91	71	.70	89 71 89	70	84 71 91	86 71 87	67	81 7 59 5 76 7	7 75 5 60 8 81	5 72 0 58 1 82	8 61 2 85	8 84 1 62 5 96	4 89 2 62 0 92	90 90 90 90 90 90 90 90 90 90 90 90 90 9	88 65 76 68 92 66 1 92 65 3 94 1 69	78 61 81 64	55	57	7
CIENCE HILL	MAX	86	87 6 61	7 88 1 65	66	6 65	85	5 88 7 62	90	92	90	91	91	92 68 92	69	71	72	71	87 70	85 63 89	76 7 60 5	5 66 8 81 9 63 6 74 8 63 8 83	3 61 4 83	1 62	2 60	0 63	90 92	68	64 85	85 56 87 56 81	61 87	į
COTTSVILLE	MAX	58	8 58	8 67	89 7 64 1 91	9 88 4 67 1 89	8 89 7 66	6 68	90	63 91 6 65	93	2 66	66 5 88 6 69 3 96 5 67	68	72	72	69	70 85	92 70 87	68 85	79 7 63 5 84 7	8 63	4 83 3 63 1 76	3 59 6 79	9 60	0 61 7 90	63	66 92	85 61 73 63 92	56 81	61 83	1 7 1 3 6 1
HELSYVILLE 2 W	MAX	83 8 56 8 82	3 86 6 56 2 85	6 58	8 65	1 89 5 63 8 85	9 88 3 63 5 85	3 63	7 91 3 63 6 87	92 3 65 7 90 5 61	2 91 5 64 0 89	4 65	67	92 68 8 89	72 3 91 6 69 9 90 7 69	72 91 71 92	71	91 71 89 70 85 71 81 71	69 86	63 82	58 5 78 7	3   5   4   7   0   5	1 76 5 61 0 80	0 87	9 83 0 66 2 86 4 63	2 62 0 92 0 63 0 90 0 61 7 90 0 61 6 87 5 64	1 63 0 91 1 64 7 93	65	63 92	56 90	56 81	1
/ILL1AMS8URG	MIN	52	2 63	3 61			3 66	6 65	5 65			63	3 67				71		71		52 5					2 88				75	82	
ILLIAMSTOWN	MAX		7 81 8 63	1 87	7 85 7 67 0 91 7 66	5 84	4 85 6 66 8 88	5 87 6 66 8 89	7 89 6 68 9 92	9 92 8 70 2 92	2 91 0 68 2 93 7 66	1 92 8 71 3 94 6 68	2 95 1 70 4 90 8 70	92	2 85 71 1 95 0 71	88 72 92 73	8 87 2 69 2 88 3 74	68	83 69 91	80 64 83	78 7 56 5 78 7 61 6	3 7: 3 6: 8 7	5 76 0 62 7 82	6 77 2 63 2 88	7 8: 3 6: 8 9:	5 67 0 93 2 67	8 89 7 69 3 93 7 61	9 65 3 78 7 69	72 62 83 62	75 58 86 59	82 59 88 60	2 9 8 0
OLF CREEK OAM	MIN	N 58	8 63 6 85	3 67 5 90	. 0.	7 66 1 88		0						91																		

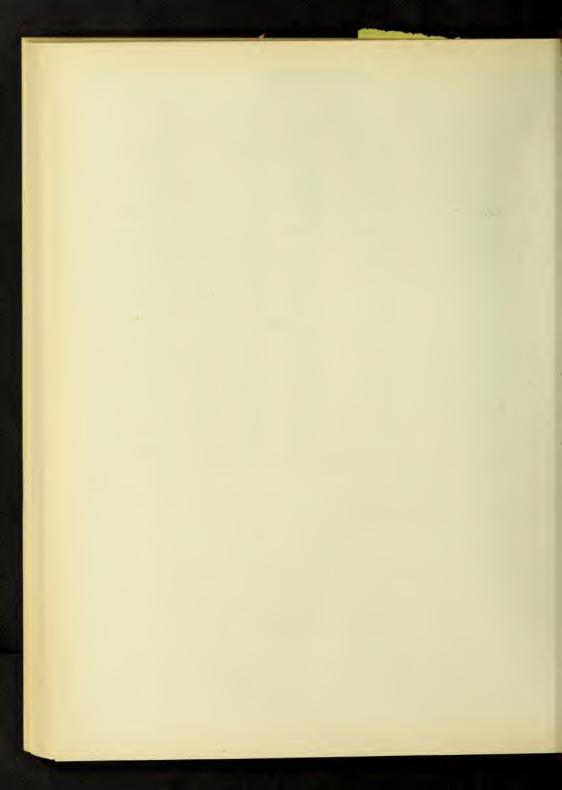
									C V	Μľ	O1	ın	110	יוע	13	TAT	'		.,_														
Table 6																_																	
																1	Day o	f mor	ath														
Station								_	_	_	_	_		_	_		_	_	1														rotal or ave
Station		,	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	5 ° 5
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										.21	.21	. 24	. 22	24	22	19	. 16	. 07	.19	. 11	.11	.17	.07	.07	.08	.18	.15	.18	.18	.05	.13	.18	5.04 221E
SURGIN DIX DAM	EVAP		.24	.13	.18	.20	.17	.17	.15	.21	,21	. 24	12				5		17		13		6	3	6	6	6	4	9	11	5	7	2211
	MIND	1	0	٥	°	°	·	i i											.13	. 21		27	.12	- 1	12		.33		.34	.05	.18	,16	4.91
WOLF CREEK OAM	EVAP			.10		.35		. 23	.17		.44				.29		.19	.12	10			29	7	ļ	.12		5		13	21	7	14	299E
	WIND	4	10	7		25		8	9		20						Von des							_	-		_						

# STATION INDEX

AUGUST 1949

Station	Index No.	County	Drainage:	Latritude	Longstude	Elevation	Temp. gray		Observer		Refer to tables		Station	Index No.	County	Dramage: Latitude	Longitude	Elevation		ne	Openies		Refe to table	
ADDINON DAM 46 ADDINANG 1 8 ALLEN ANG MONAGE ASECAMP	0043	NSECKIMSIDGS ALLEX FLOYD JWFFKSSON PIMK	1 7	37 88 38 39 37 33 36 16 37 18	86 34 88 16 82 43 85 33 82 26	380 800 650 700 1100	7P	SA TA NA TP 8A	CORPS OF ENGINEERS IDELL M DEANISO NAMMIE ADXIEN C E BARREY MARY S GATLIFF	2	3 4	5	LONDOR POST OFFICE LOUISVILLE DOWNAY FIELD LOUISVILLE DOWNAY FIELD LOUISVILLE DOWNAY WE AP LOUISVILLE UPPER CAGE	4943 4951 4954	LANKEL LAWRESCE JMPPERSON JEFFENSOM	2 37 08 1 3H 07 7 3M 13 7 3H 11 7 38 17	84 05 82 37 85 40 83 44 83 48	1280 584 858 485 483		MID	E W MC RANNEM RUSSFEL, T WIRELEN US WEATHER DINNFAU US WEATHER BUNKAU US KROINEMRS	3 '	3 4 3 4 3 4 3 4	0
ASMIAND DAM 26 DAKBOUNVILLE WATHN WES BARDSTOWN DAITHY MANLAN WAYNE WES MERVEN DAM	0381 0388 0450	BOYD KNOX NELSON HARLAN ORIO	8 3	36 33 37 48 36 51	82 36 83 53 85 28 83 30 86 52	637		7A WID	CORPS OF ENGINEERS JOHN & SHANTON MRS POPE SINCO CYBUN N LAVSON E G YOUNG	2	3 3 4 3 3 4 3	5	LOUISVILLE WE CITY LOUMLACEVILLE MADISONVILLE I SE MANNOTH CAYE PANE	1967 5002 5087	JEFFERSON BALLARD BARNEN MODEINS EDMONSON	7 38 15 8 38 88 3 36 53 3 37 19 3 37 11	NS 45 NS 50 RS 02 87 29 68 08	407 479 438 800	8A	MID 7A NA	US WEATHER RUWEAU BLAINE MALONE CECIL II BWITT J M M' COV RATIGNAL PARE SERV	3 2	3 4 3 4 3 4 3 4	5 5 5
SEXMAN SERTON METHA COLLECT SETTE WATER FORKS BOSTON S SH	0611	MARIAH MAMSHALL MADISON MADISON SELSOS	4	37 34	82 57 85 21 84 18 84 16 85 43	1D70	8A 6P	8A 6P 7A	C C NEITEARMN BENTON WATER WOMES JAMES A GROSSMAN MRS L O GAFFARD MRS PAULENE COY	2	3 4	5	MANCHESTER MAYFIKLD SUGSYA MAYFIKLD 2 R MAYNYILLE OAM 33 MC EINSHYSBURG	5230 5332 5343	CLAY GRAVES GRA/ES MASON PENDLETON	4 37 D9 6 35 44 6 38 42 7 36 38 5 38 36	H3 48 88 39 88 38 83 42 H4 16		5P 8P	SP SA WID	FARL HOWARD TVA WRS JOE PATHE CONDS OF ENGINEERS AWANDA A AULICE	2 2 2	2 3 3 3 4 3 4	5 5
BOWLING GREEN MOWLING GREEN SUBSTA HOWLING GREEN WE AP BRENT DAM 36 6MOTHSVILLE LOCK 6	0907 0909 D978	WARREN WANREN CAMPRELL EDMONSON	3 7	39 03	86 35 88 36 86 36 84 25 86 16	489	MIO	7.4	JAMES B SIMANDS YVA US MEATHER SUREAU CORPS OF ENGINEERS CORPS OF ENGINEERS	2	3 3 3 4 3 3	5	MIDDLESGONO MIDDLESGONO RR STATION MIDWAY 2 S MILLERSOUMG MILLERSTOWN	5384 5407 5430 5436	BRLL WOODFORG BOURISON GRAVNON	2 38 37 2 38 37 4 38 07 5 38 18 3 37 27	84 09 86 03	1128 1130 805 580		MID AA BA BA	NUOH ALLPH FRANK M TALIAPKNAD JOHN D HUGKNT MRS AMY L POTTS MRS O M LANLEN	2	3 4 3 4 3	5
SURGIN OIX OAM SURNSIDE CAPIE LOCS E CAMPRELLSVILLE CATROLLTON LOCS I	1156 1306 1256	MERCER PULASEI TRIGG TAYLOR CARROLL	2 2 3 4	37 20 38 41	84 43 84 37 87 58 85 21 85 11	777 480	4P 6P	7A 6P 7A	C W WILLIAMS SARAH E LEWIS CORPS OF ENGINEERS ALVA MC KINLEY CORPS OF ENGINEERS	3	3 3 3 3 3 4	5	MONTICELLO MORRHEAD STA TEACH COL MOUNT STERLING MUNFORDVILLE MURRAY	5555 5640 5684 5684	MAYSE   NOWAN   MONTGOMERY   MART   CALLOWAY	2 38 50 5 36 11 5 3N 03 . 3 37 18 9 36 36	63 36 83 57 85 53 88 20	600	5P 6P	SP 7A 6P	R O COOPER M C HAGGAN FRED CARTWILL SAW CRADDOCS MURRAY MATEM SYSTEM	3	3 4 3 4 3	5
CENTRAL CITY WATER WES CLINTON COLLEGE HILL LOCE II COLUMNIA CONSTANTINE	1631 1704 1732	MUBLENBARG HICKMAN MADISOW ADAIN BRECKINGIDGE	6 4 3	37 19 35 41 37 47 37 06 37 40	87 07 89 00 84 08 85 18 66 14	729		NID 8A 7A	CEN CITY WATER MES MODOSON O FNANKLIN CORPS OF ENGINEERS MRS HAZEL O PICKET MRS GLENNIE L SHARE		3 4 3 4 3 3 3 4		OLIVE NILL OLNEY ONEOSTA DAM 35 OWENSHORD OWENSHORD DAM 46	6033 6033	CARTER NOPKINS CAMPBELL DAVIESS OAVIESS	7 38 18 7 37 13 7 38 58 7 37 46 7 37 47	84 16			7A 7A	MRS N P FULTY JN ART D WILLIAMS COMPS OF ENGINEERS WIRGIL P CLARK CORPS OF ENGINEERS	2	3 4 3 3 3 4	
CORBIN CAA CORBIN WAYEN HOMES COVINGTON WB AIRPORT CYNTHIANA GANVILLE	1806 1855 1998	WHITLEY WHITLEY KENTON HARRISON HOVLE	7 5	36 56 36 57 39 04 36 23 37 39	84 06 84 40 84 1N	1070 669 684	MID 6P	7A MIO 7A	CAA CORBIN WATER WORKS US WEATHER BUREAU MARSNALL HILL R P COLDIRON	2 2 3	3 4 3 3 3 4 3 3	5 5	PADUCAM NO 5 FIRS STA PADUCAM SCS NURSERY PADUCAM TVA PAINTSVILLE PIKEVILLE	6117 6119 6136	MC CRACKEN MC CRACKEN MC CRACKEN JOHNSON PIKE	7 37 05 7 37 04 7 37 03 1 37 49 1 37 29	88 35 88 35 82 46	34 8 630 686		WIO 7A	CAPTAIN FF WILLIAMS SOIL CONSERV SERV SOIL CONSERV SERV JESSE FAIRCHILD US WEATHER BUREAU	2	3 4 3 3 3 4	5
OAVELLA PELPNIA DIMA GUNDEK SASRETTS FORD ER GUSMOR	2131 3139 2356	MARTIN PERMY ENOTT OHIO MUHLENBERG	1 3	37 48 37 02 37 25 37 33 37 05	82 32 83 07 63 48 86 43 87 00	650 430		MIO 8A 8A 7A 7A	HENTHA DE LONG FARIS CRESS HATTIE B BARMEY J L HUFF N D GIVENS		3 3 4		PINEVILLE PLEASUREVILLE 2 3 PRINCETON EAVENNA LOCK 13 RICHMOND E STATE COL	6435 6575 6679	RELL SHELBY CALDWELL ESTILL MADISON	2 36 45 4 38 30 2 37 06 4 37 40 4 37 44	83 57	631	5P	6A 5P 7A	F PARTIN E B MORGAN ALTON M HARVILL CORPS OF ENGINEERS EASTERN TEACNERS CO	3 2	3 3 3 3	5
OUNNY LLE EDOYY LLE LOCK F EDWONTON HELIZABETETOWN FALWOUTH	2445 2468 3810	CASEY LYON METCALFE HARDIR PENDLEYON	3 3	37 13 37 03 37 00 37 42 36 40	84 56 88 05 85 37 85 53 84 30	430 600		7A 7A 7A 7A 8A	LINNIE D TARTER THOMAS SMITH JOHN E MORAN ROBERT E SETTLE JESSIE OLDRAM		3 3 3 4 3 3		RUMSEY LOCH 3 RUSSELLVILLE RUSSELLVILLE SUBSTA SADIEVILLE WATER MORKS ST JOHN BETHLEHEM ACAD	7049 7054 7074	MC LEAN LOGAN LOGAN SCOTT HARDIN	3 37 32 3 36 51 3 36 50 4 38 23 8 37 42	86 53	384 590 576 890 777		7A MID	CORPS OF ENGINEERS DR S S MC REYNOLDS TVA RICHARD E ZEYSING SISTER S M GSELL	2	3 4 3 3 4 3 4	5
FARMERS FLFMINGSBURG FLFMINGSBURG POST OFFIC FORD LOC# 10 FORDS FERRY DAM 50	2903 2806 2953	ROWAN FLEWING FLEWING CLARK CRITTENDEN	5 4	35 09 38 25 35 25 37 53 37 28	83 43 93 44	870 750	4P	7A 7A MID 7A 6A	MRS C C STAMPER BYRON F FLEMING MAURICE O CARPENTE CORPS OF ENGINEERS CORPS OF ENGINEERS	3	3 3 3 4 3 3 4	5	ST WARY SALVISA LOCK 6 SALVERSVILLE SCIENCE BILL SCOTTSVILLE	7121 7139 7303	MARION WERCER MAGOFFIN PULASKI ALLEN	8 37 35 4 37 56 5 37 45 2 37 11 3 36 45	84 49	730 520 900 1065 770	60	7A MID 6P	ST MARY COLLEGE COMPS OF ENGINEERS J M MAY WILLIAM H DOBBS MOBLE ALLEN	3 2	3 4 3 4 3 4 3	5 5
FRANKIN MATER WORMS FRENCHBURG 1 ST GEORGITOWN WATER WORKS GEST LOCK 3	3036 3053	FRANKLIS SIMPSON MENIFEE SCOTT HEBRY	5 4	38 13 36 43 37 57 36 13 38 25	84 52 86 34 83 39 84 33 84 53	68I 660	4P	6A 7A 8A 8A 7A	CORPS OF ERGIREERS RERMAN D NEAL C JEROME BIERONYMU: JOE W ATKINS CORPS OF ENGINEERS	8	3 4 3 4 3 3 3 3	5	SEBREE WATER WORKS SHELBYVILLE 2 W SHEPHERDSVILLE SMITHFIELD 4 S SOWERSET BIWAY DEPT	7324 7334 7473	WEHSTER SHELBY BULLITT HENRY PULASE:	3 37 36 8 38 13 8 37 59 8 38 20 2 37 07	85 44	825 450 863	6P	5A 7A	SEBREE WATER WORKS WILLA S A RATTA CONRAD MARAMAN F W SIMPSON L R SUTHERLAND	2	3 3 3 3 4 3 4	5
GLASGOW GOOMAN AFBU FT ENOX GRANT DAM 38 GRAYSON GREENSBURG	3360 3355 3391	BARREN HARDIN BOONE CARTER GREEN	7 T	37 00 37 54 35 59 38 19 37 16	63 57	506 589		7A MID 6A 8A 7A	OSA L FOLLIS US AIR FORCE CORPS OF ENGINEERS SHIRLEY I STATEN MRS WELL M LINGLE	2	3 3 4 3 3 3	5	SPRINGFIELD STEARNS SUMMER SHADE SUBSTA TATHAM SPRINGS TAYLORSVILLE	7677 7805 7924	WASHINGTON MC CREARY METCALFE WASHINGTON SPENCER	8 37 41 3 36 43 3 36 53 8 37 53 8 38 02	84 29 85 40 85 09			MID	NM B COATLEY C E CHITHOOD TVA R C DEDMAN MRS EATRRYN B CARR		3 3 4 3 4 3	
GREENSBURG HIVAY 61 BR GREENUP DAM 30 GREENVILLE 2 W BALEYS WILL BARTFORD 6 N	3443 3451 3539	GREEN GREENUP MUHLENBERG CHRISTIAN OHIO	3	37 IS 38 37 37 I2 37 03 37 32	87 20	519 740	SP	7A TA 5P MID 6P	MENNETH STOTTS CORPS OF ENGINEERS C R LOVELL CLEATUS E BRINKLEY W R CARSON SE	2	3 3 3 3 4	5	TOMPRINSVILLE TOMPRINSVILLE TEL OFF TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN DAM 49	8065 8144 8179	MONROE MONROS TRIGG ANDERSON UNION	3 36 42 3 36 42 9 36 45 4 38 02 7 37 46	88 05	350 524		7A	JAMES T PHILPOTT HAS ALICE B HALE TVA CORPS OF ENGINEERS CORPS OF ENGINEERS		3 4 3 3	
MAZARD MEADQUARTERS MEIDELBERG LOCK 14 MENOERSON 4 SW MERNOON	3722 3741 3762	PERRY NICBOLAS LEE HENDERSON CHRISTIAN	5 4 7	37 15 38 24 37 33 37 47 36 44	83 46	860	62	7A 6P 6A 6P MID	B A BAILEY MRS G L JENNINGS CORPS OF EMGINEERS FRAME STREET C W KEATTS	2 2	3 4 3 4 3 4 3 4	5 S 5	VALLEY VIEW LOCK 9 VANCIBURG DAM 32 WAYNESBURG 6 E WEST LIBERTY WATER WES WILLIAMSBURG	8259 8486 8551	MADISON LEWIS LINCOLN MORGAN WHITLEY	4 37 51 7 38 38 2 37 22 5 37 55 2 36 44	84 34	525 1215		7A 7A 7A	CORPS OF ENGINEERS CORPS OF ENGINEERS FRANK HOECK JOHN W TURNER CHARLES B WEST	2 2	3 3 3	5 5
BICRSVILLE BIGH BRIDGE LOCK 7 HINDMAN SETTLEMENT SCH HODGENVILLE HAT PARK BOPKINSVILLE 2 E	3837 3899 3929	GRAVES JESSAMINE KNOTT LARUE CHRISTIAN	4 3	36 48 3T 49 37 20 37 32 36 52	88 30 84 43 52 59 85 44 87 27	1050	SA TP	6A 8A MID 8A	TVA CORPS OF ENGINEERS ELIZABETH WATTS C C SELF W E WORRIS	2	3 4	5	WILLIAMSTOWN WILLOW LOCK IS WOLF CREEK DAM WOODDURY LOCK 4	8724	GRANT LEE RUSSELL BUTLER	5 38 38 4 37 36 2 36 53 3 37 11	85 08	646	MID	7.6	MISS N H SIMPSON CORPS OF ENGINEERS FRANK L BLOCOWORTH CORPS OF ENGINEERS	2	3 6 3 6	5
HYDEN ERVINGTON JACHSON JENEIRS WATER WORKS JEREMIAH	4165 4196 4241	LESLIE BRECKENRIDGE BREATHITT LETCHER LETCHER	4	37 10 37 53 37 33 37 10 37 10		776	79	6P TP 7A 7A 7A	WRS FOREST CAMPBEL FLOYD G ROBBINS ROBERT ROBERTSON KENTUCKY WATER CO MRS SUSAN F ISON	2	3 3 3 3 4	5	PADUCAH CAA	6110	MC CRACEEN	NEW ST/			wID	WID	CAA	2	3 4	5
KEENE 2 N KENTUCKY DAM LANCASTER ICE PLANT LAUNA LEITCHFIELD	4614 4620 4642 4703	JESSAMINE LIVINGSTON GARRARD MARTIN GRAYSON	9 4 1	37 58 37 01 37 37 37 45 37 29	84 38 88 16 84 35 82 26 86 18	362 1032	ss	7A 7A 8A 8A 8A	MARION W MABIN TENN VALLEY AUTE KENTUCKY UTIL CO JAMES A FIELD GEORGE D LITSEY	2	3 3 4 3 3	5	1 DRAINAGE CODI	E. 1 1	Big Sandy, 2   Obio; 8 Salt,	Cumberland 9 Tenness	, 3 Gr	ren; 4	Kent	ucky	, 5 Licking; 6 Miss:	asip	)P1.	
LEXINGTON WE AIRPORT LIBERTY LITTLE BICKMAN LOCK 8 LOCKPORT LOCM 2 LOGLICK I S	4753 4825 4857	FAYETTE CASEY JESSAMINE HENRY CLARE	4 4	38 02 37 21 37 45 38 26 37 51	84 55 84 35 84 58	560 485		MID 7A 7A 6A MID	DS WEATHER BUREAD PALLIA L HANKLA CORPS OF ENGINEERS CORPS OF ENGINEERS MRS B BURGHER		3 4 3 4 3 4 3 3	5												
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- 125 -



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AUG 25 1950

# CLIMATOLOGICAL DATA

**KENTUCKY** 

SEPTEMBER 1949 Volume XLIV No. 9



#### KENTUCKY - SEPTEMBER 1949

O. K. Anderson, Section Director - Louisville

### GENERAL SUMMARY

Subnormal temperatures prevailed throughout most of the month, with the average almost six degrees below normal. This was the second coldest September on record being surpassed only by that of 1918. Each division of the state showed a negative departure from the monthly mean. A period of decidedly cool weather set in at the close of the month bringing minimum temperatures in the lower and middle 30's throughout the state on the 30th. Local light frost was reported in some sections on the morning of the 24th and again on the 25th. All sections except the extreme east reported light frost on the 30th with a few scattered areas noting killing effects to tender vegetation.

The average precipitation was also somewhat, below normal for the state as a whole. Precipitation again was unevenly distributed, consisting mainly of light showers, except in the northwest where some moderate to heavy showers occurred. The largest falls were in this section where amounts in excess of five inches were recorded. The lightest rainfall was in the south central portion where some places reported a total of less than one half inch of rain. The considerable differences in monthly amounts were reflected in the condition of crops in the various sections of the state.

September was generally favorable for farm work and crop development with most crops maturing normally. However, there were some isolated reports of unfavorable crop growth because of cool weather and dry moisture conditions. The principal activities during the month were cutting and housing of tobacco, haying, cutting of corn, and fall seeding. The condition of tobacco was irregular throughout the period with slow improvement showing as the month progressed. At various times, the northwest section reported damage to tobacco in fields due to excessive rain. By the end of the month, almost all tobacco had been housed and with the coming of clear dry weather, curing had begun. The condition of the crop in barns was good with isolated reports of some damage due to slow drying. Early corn ranged from good to excellent with much cutting and shocking taking place accompanied by some gathering especially in southern and western counties. Silos were being filled with good yields anticipated. All early corn was matured enough to be free from frost. Late corn ranged from fair to good with the major portion of the crop made. The bulk of late corn was also frost free. Pastures were much above the seasonal average at the beginning of the month but gradually deteriorated because of unfavorable weather conditions and by the close of the period were mostly fair but still ranged above normal. Hay yields were generally abundant with lespedeza and alfalfa the principal cuttings. The lespedeza crop was one of the best ever produced. Soy beans were mostly matured with considerable cutting for hay taking place. Combining was just getting underway. Some early beans were turning out rather disappointing yields. Gardens were weedy and poor with many gone. Seeding of small grains, and cover crops were accomplished in many areas with early seedings up to good stands. Little fall plowing was taking place because of dry moisture conditions. Farm work was well advanced with harvest operations probably a bit further along than usual. More rain was needed and scattered hauling of water for stock was necessary.

Letcher County was struck by a hail and lightning storm on the  $29\,\mathrm{th}$  with varying damages in different sections of the country.

### TEMPERATURE

The mean temperature for the state was 64.5°, which is 5.8° below normal for the month. The monthly mean temperatures ranged from 66.7° at Campbellsville to 61.6° at Covington. The highest temperature recorded in the state was 91° at Pikeville on the 4th and at Murray, Scottsville and Wolf Creek Dam, on the 17th, and the lowest 30° at Anchorage, Mammoth Cave and Princeton on the 30th.

## PRECIPITATION

The average precipitation for the state was 1.84 inches, which is 1.03 inches below normal for September. The total amounts recorded at various stations ranged from 5.79 inches at Owensboro Dam 46 to 0.35 inch at Summer Shade. The heaviest rainfall reported in any one day was 4.18 inches at Ravenna on the 19th.

#### ACKNOWLEDGMENTS

ACKNOW
In addition to the climatological data from some 6,000 Neather Bureau
and conperative weather stations, this bulletin series contains records
from Bydroclimatic Network Stations which were formerly reproduced in
the Bydrologic Bulletin Series. The Bydroclimatic Network is a nationvide net of rain gages — mostly of the recording type which produce
continuous records of precipitation. It was established in 1939 at the
existing precipitation stations in order to provide records of rainfall
intensity which were emential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering ahout 2,000 recording, and 1,000 non-recording rain gages, has been mainto the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly .\$375,000
since that date. For the years 1940-42, the Department of Agriculture
transferred ahout \$100,000 per year to provide data required in its
\$255,000 per the Bureau of Reclamation has transferred about
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Previous to the introduction of this hulletin Series, data from Hydroclisatic Network Stations were presented in hulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas enhancing the internal requirements of the Federal Agencies referred to showe, no provision was made for public dissessination of the data, distribution heign limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletins. A list of locations where reference copies of the Hydrologic Bulletins (U. S. Weather Burea, Washington 25, D. C.

Many other records published in this hulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

# PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

EKNTU KY

BEPTEMBER 1949

	Sea lev	vel pressure	extremes-in	ches		Wind spee	d-m p h		Relativ	e humidity	averages	percent	Sunshine	
Station	Highert	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1 30 a. E S T	7.30 a E S T	30 p. E.S.T.	730 p.EST	Percent of possible	Degree days
LEXINGTON AIRPORT LOUISVILLE AIRPORT	30,39 30,38	30 30	29.82 29.82	22 22	7.8 5.8	32	ī	19	80 79	86 87	53 49	65 58	67	6

## COMPARATIVE DATA

Table 1																				
	Т	emperatu	10	P	recipitati	on		Te	emperatu	10	Pr	recipitatio	n		Te	emperatu	10	P:	recipitatio	n
Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Āverage	Highest	Lowest	Āverage	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days
1889 1890 1891 1892 1893	72.1 67.0 69.5 68.5 69.6	101 95 97 93 99	36 36 42 38 35	1.23 2.71 1.89 2.68 3.24	=	-	1912 1913 1914 1915 1916	71.0 69.6 67.8 70.7 67.2	103 106 97 99 98	33 29 36 32 32	2.80 2.49 2.96 3.32 3.48	0 0 0 0	10 7 9 6 7	1935 1936 1937 1938 1939	68.3 74.4 67.8 70.3 74.5	99 101 98 101 105	31 41 29 37 39	2.75 3.57 1.84 3.52 1.26	0 0 0 0	5 7 5 8 3
1894 1895 1896 1897 1898	71.7 73.4 68.6 72.8 73.4	98 101 100 105 103	37 27 80 31 42	2,71 1,10 3,77 0,21 4,36	0 0 0 0	- 3 1	1917 1918 1919 1920 1921	67.7 62.8 71.5 70.8 75.5	98 92 102 96 99	34 30 40 38 45	2.56 2.94 1.69 3.30 5.37	0 0 0 0	6 5 8 4 9	1940 1941 1942 1943 1944	66.7 73.1 67.5 66.4 68.8	100 99 96 104 96	24 34 36 33 38	1.97 1.16 3.24 2.58 3.88	0 0 0 0	3 5 8 8
1899 1900 1901 1902 1903	68.7 74.6 68.1 67.3 69.1	105 102 98 97 100	27 35 33 29 32	1.66 2.25 3.57 4.01 0.91	0 0 0 0	9 5 6 6 10	1922 1923 1924 1925 1926	72.7 69.8 65.3 77.2 73.5	103 94 97 110 98	39 30 35 45 40	2.22 2.97 4.49 2.83 3.78	0 0 0 0	13 5 8 10 9	1945 1946 1947 1948 1949	72.5 68.4 70.1 69.6 64.5	101 95 103 98 91	43 36 33 36 30	3.44 2.52 3.04 2.09 1.84	0 0 0 0	9 5 7 6 7
1904 1905 1906 1907 1908	71.1 70.2 73.0 69.1 71.6	99 95 95 102 101	34 36 45 35 30	2.58 2.61 6.15 3.00 1.03	0 0 0 0	4 8 6 13 6	1927 1928 1929 1930 1931	72.2 65.5 69.5 72.6 75.1	103 99 97 101 103	30 24 35 38 36	2.87 0.81 4.69 2.46 2.74	0 0 0 0	6 3 11 8 5	PERIOD	70.3	110	24	2.87	0	
1909 1910 1911	67.7 71.8 74.3	97 99 99	32 38 46	2.51 4.41 3.71	0 0	3 6 9	1932 1933 1934	69.5 74.3 69.2	103 98 95	34 40 39	3.66 5.03 4.82	0 0	8 9 10							

## CLIMATOLOGICAL DATA

KENTUCKY SEPTEMBER 1949

Table 2

Table 2																		
				Temperat	ure	,							Precipitati	on				
							No. of	days		_			Snow	, Sleet, Ha	dl	No	of day	**
Station	Average	Departure from normal	Highost	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
WESTERN OIVISION																		
BEAVER DAM FORDS FERRY OAM 50 GREENVILLE 2 A GREENVILLE 2 A HOPELACEVILLE 2 E HOPELACEVILLE 4 55 HOPELACEVILLE 4 55 MURRAY FORD 5 5 MURRAY OWENSBORD PADUCAH CAA PRINCETON	65.8 63.4 65.3 64.3 64.9 65.7 64.5 65.7 64.8 65.1 65.0	-5.6 -5.5 -7.6 -7.4 -6.0 -6.6 -6.2 -5.5 -6.5	89 89 90 88 88 89 88 90 91 87 89	4+ 3+ 17 4 17 4+ 4 3+ 17 4 3+ 17	31 36 31 34 35 31 33 34 31 32 34 30	30 29 30 30 30 30 30 30 30 30 30 30 30 30 30	2 1	1 1 1 1 1 1	1.19 3.66 1.38 2.79 1.24 3.02 1.37 3.06 1.32 5.64 1.98	-1.58 .13 -1.60 20 -1.82 56 01 -2.06 2.46	.36 1.60 .37 .97 .34 1.08 .43 .90 .55 3.63	15 18 18 18 28 5 16 17 15 6				7 8 6 7 5 5 7 7 7 9 6	3 4 2 5 4 4 2 5 1 3	1 1
OIVISION	65.0	-6.3							2.42	58								
CENTRAL OIVISION																		
ANCHORAGE BOWLING GEEN WB AP BURGIN OIX OAW CAMPELLSVILLE AD DANVILLE FRANKFORT LOCK 4 GREENSSURG LEXINGTON WB AIRPORT LOUISVILLE STAN WB AP LEXINGTON WB AIRPORT LOUISVILLE STAN WB AP MANNOTH CAVE PARK ST JOHN SETULEHEM ACAD SCIENCE HILL SCOTTSVILLE WCLF CREEK DAW DIVISION EASTERN DIVISION  EASTERN DIVISION	63.1 65.3 66.70 66.76 65.6 63.8 64.7 64.4 64.6 65.1 64.4 63.8 65.7 66.6 62.9 64.7	-5.5 -7.2 -6.4 -3.9 -5.7 -5.1 -5.8 -5.9 -4.5 -4.4 -5.4 -5.7 -3.3 -6.7	85 89 90 89 83 88 86 87 85 86 88 87 85 87 90 91	3+ 17 4 3 3 4 4+ 5 4 4+ 4 4 18 5 17 17	30 33 35 32 34 35 35 32 31 35 36 33 41 30 33 31 31 32 36	30 30 30 30 30 30 30 30 30 30 30 30 30 3	1 1 2	1 1 1 1 1 1 1 1	1.04 .76 1.26 1.25 .98 1.35 1.62 1.15 1.72 1.36 1.32 .91 1.28 1.32 .91 1.32 .91 1.32 .91 1.32 .91 1.32	-1.79 -2.42 -1.86 -1.73 -1.23 -1.99 -1.13 -1.84 -1.75 -1.87 -1.50 -2.32 -2.00 -1.79 -1.31	.28 .27 .47 .41 .31 .45 .68 .40 .65 .71 .53 .28 .34 .56 .50 .100 .21 .46 .35	15 5 16 15 4+ 16 16 18 5 5 5 15 16 18 18 18 19				10 6 4 6 8 7 7 5 6 9 6 8 8 10 4 5 6	1 2 3 3 2 2 3 2 3 2 3 3 2 2 3 2 2 3 2 2 1 2 1	1
ASHLANO AND SEASTERN DIVISION ASHLANO AND SERMA COLLEGE SE	64.2 64.2 64.5 62.9 60.0M 64.5 64.1 65.8 65.7 66.0 64.1 64.5	-6.1 -5.3 -8.3 -5.2 -7.4 -4.1 -3.1 -4.6 -6.9 -6.8 -5.8	89 89 88 87 87 88 89 88 86 89 91 89 85	5 6 18 17 5 3 5 5 4 4 4 4 4 4 4+	36 37 34 34 33 36 36 32 37 36 42 33 38	30 25 30 24+ 24+ 30 25 30 30 30 24	1	1	2.24 2.84 1.54 2.25 2.57 1.96 2.87 1.98 2.54 1.88 3.59 1.62 2.21	32 -1.38 23 -1.11 99 07 -1.14 .70 -1.96 -1.42 79 -1.03	1.00 .83 1.08 1.22 .57 1.14 .83 .72 1.66 .60 1.01 .30 .95	29 19 18 18 19 19 19 5 18 18 18 16 18	Т			6 9 8 6 9 7 10 10 5 6 6 5 5	3 4 1 2 7 2 4 2 3 3 5 2 2	1 1 1 1 1 1 1

## DAILY PRECIPITATION

EFWTULE

WEFTERNER 1949

	-	-	-	_											-																	
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	of m	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ADDISON DAM 45 E ALLEN ANCHORAGE ANNYAMP ANHLAND DAM 33	T .10 .20		.02	.03	.16	1.10 T						т	.10	.05	. 25	.46 .10 .14 .09	.02	.48	1.06 .30 .50		.06	.02	.15 .20 .10				20 42	15 .15 .1W .25	.40 .05	#1 95 .34		2.60 2.96 1.04 2.66 2.24
EARDSTOWN EASTER HARLAN WIE WES E BEAVER DAM BENTAM SENTON	.10		т	.07	.07	.57							.25		.35	.24 .24 .04 .22 .01	.07	.93 .75 .25	.23			. 08	.17 .12 .64	. 06			.50 .48 .01	.06	.08 .19 .46	,09		1.80 2.23 1.13 2.64 2.60
BEEFA COLLEGE DENKA WATER WOEES BOSTON 2 SW BOWLING OEEN BOWLING GENEN SUBSTA	.42				.03	.03 .36 .67 .76	.03						Т	.07	.02	.07 .11 .02 .87 .27	T .27	1.05 .0W .27 .04 .01	1.03	, 02			.02 .14 .08 .02				. 01	.07 .10 .08 .05	.05	.15		I.64 2.09 1.30 1.14 1.29
SOWLING GEEN WO AP 2 BEENT DAM 35 BEOWNSVILLE LOCK 6 GUECIN DIK DAM SURNSIDE	.18		Т	T .10 .02	.27 .09 .06	.03							.04	. 02	. 28	T .16 .34 .47 .20	T .01 T	.11 .40	.10 .43 1.27			.02	.07					.05 .27 .02	.13 .25 .20	.01		0.76 I.65 0.94 1.25 1.78
CADIZ LOCK E CAMPBELLSVILLE CARROLLTON LOCE 1 Z CLINTON E COLLEGE HILL LOCK 11	.02			.04	.40 .07	.04	т						.05 .04 .76		.41	.32 .02 .30	.02	1.08 .34 .25 .02	.05									.15 .30 .12 .13	. 09			1.71 1.25 1.23 1.69 1.08
COLUMBIA LW COLLEGE CONSTANTINE E CORBIN CAA CORBIN WATEE WORKS COVINGTON WB AIRPORT				.06 T	T T		т					т	.01		.30 T	.20 .22 .43	.80 T	.20 1.22 T	.19			.31	. 12			T . 23	.12	T .15	.48 .38 .02	.34		0.51 1.54 2.25 2.60 0.96
CYNTHIANA DANVILLE DAVELLA DENA DUNDEE BARRETTS FRD BR K	.06 .05			.04		.31							.07	T .05	.08	.07 .45 .08 .38	T .60 .12	.07 T .43	.90 .21 1.34 .05		.15	. 07	.01				.43	T .43 .80 T	.23 .14 .88 .12	.06 .32 .71		1.71 1.36 2.96 3.51 1.36
DUNNOTILLE EDDYVILLE LOCK F EDWONTOM R ELIZABETHTOWN	. 05			. 02	.50	.16							.13		T .25	.30 .25 .50 .22 .02	.24	.50 .88 .40 .07	.04			.02	.05				.10	.09				1.40 0.75 1.63 0.92 0.89
FALMOUTH FARMERS FLEWINGSBURG FLEWINGSBURG POST OFF R FORD LOCE 10	.03		т	.01	T 1.01	.12 .41 .99							T	.03	.16	.13 .25 .17	т	.01 .27 .15 .75	.21 .57 .61			.01	.05				. 03 T	.10	.02 .27 .58 .38	.04 .25 .14		0.76 2.57 2.83 2.39 1.34
FORDS FERRY DAM 50 Z FRANKFORT LOCK 4 FRANKLIN WATER WORKS Z GEORGETOWN WATER WORKS GEST LOCK 3 Z	.28 .81 .45			.03	.03 T	.45 .68 .52 .23							.96	T	.02	.47 .09 .25	т	1.60 .08 .49 -	.12 .27 T								T T	.01 T	.19			3.66 1.62 0.74 -
GLASGOW GRANT DAM 35 GRATSON GREENSBURG GREENSBURG HIWAY 61 BR	.24 T			.14	.12	.04		. 03						.02	ř <sup>44</sup>	.20	т	.22 .31 .20 .20 .34	.10			.10	T .15					.12	.06 1.56	T .51		1.04 1.30 3.95 1.15
GREENUP DAM 30 GREENVILLE 2 W RALEYS MILL R HARTFORD 6 N HAZARD Z	.15		. 04	.20	.04 .15 .08 .37	.25	т					т	.19		.32 .25 .40	.08 T	.07	.04 .37 .06 .35	.45			т	.06 .15				.04	. 03	.87	.42		2.34 1.38 0.53 1.67 2.41
HEADQUARTERS HEIDELBERG LOCK 14 Z HENDERSON 4 5W HERNDON R HICKSVILLE				.02 .10 .08	.85 .37 .02		т					. 48	.33		T .37 .17	.17	.17	.74 .97	1.14			т	. 26 T				.13	T .12 .26	.31	. 15		2.07 1.96 2.79 0.43 3.02
HIGH SRIDGE LOCK 7 SINDMAN SETTLEMENT SCH SODGENVILLE NAT PARK R SOPEINSVILLE 2 E IRVINGTON	.20			. 04	.74 .31 .51	.35		. 05					.07	T .04	. 25	.15	. 03	.12 .24 T	.34			.10	.16				. 63	. 29	.13	.04		0.98 2.87 1.40 1.24 1.72
JACESON JENKINS WATER WORES Z JEREMIAH KEENE 2 N KENTUCKY DAM Z	.17			т	T T	.05							.01		т	.09 .13 .28 .25	т	.10 .70	1.04 .15 .58 .65				.24 .25 .10			.30	.20 .18 .83 .20	.10 .28 .10	. 43 . 13 . 83	.18		2.35 1.61 2.90 2.22 2.08
LANCASTER ICE PLANT LAURA LEITCHFIELD LEXINGTON WB AIRPORT Z LIBERTY Z	.04		.11	.01 T	T .53	.25 .22 .71				.07			.01	. 09	.48	.42 .16 .23 T	1.42 .01 T	.12	.92	.10			.06				.26	.18 .05 .17	.48 .76	. 89		3.33 3.54 1.36 1.32 0.95
LITTLE SICKMAN LOCK 8 Z LOCKPORT LOCE 2 LOGLICK 1 S R// LONDON POST OFFICE B LOUISA LOCK 3 Z	.38			. 02	.34 T	.07									.46	.52	.02	.11 .44 2.00	.20			. 02	.04				. 13 T	.10 .03 .09 .06	.04 .08 .45	. 54		0.79 1.02 1.35 2.69 2.00
LOUISVILLE HOWMAN FLD R LOUISVILLE STAN WB AP Z LOUISVILLE UPPER GAGE LOUISVILLE WB CITY R LOVELACEVILLE				.02 .03 T	.25 .28 .11 .32	T .59						T T	.10 .05	T .05	.25 .26 T .34	. 35	.43 .25 .15	.10 .02 .37 .07	т			.01 .01 T	. 04				т	.10 T .12 .27	.01 .01 .02		1	1.26 0.91 1.64 1.28 3.02
LOCAS R MADISONVILLE 1 S8 MANWOTH CAVE PARE MANCHESTER MAYFIELD SUBSTA				.02	.13	.11							.08 .22 .12	.03	.19	.43 .56 T	.02	.13 .41 .03	.10 .70 .18				. 05			т	.27	.07 .05 .01	.50	.30	1	0.60 1.37 1.32 2.07 2.52
MAYFIELD 2 S MAYSVILLE DAM 33 Z MC KINNEYSBURG R// MIDDLESBORO MIDDLESBORO RR STA R	.16			.18	.28 .72 .22	.11							.41	т	.45	.10 .26 .09	.90	.63 .03 .76 1.66	.63				.02				.46	.21	.09	.10	3	3.06 1.98 2.54
MIDWAY 2 S MILLERSSURG R// MILLERSTOWN MONTICELLO MOREHEAD STA TEACH COL R	.28			.07	.66 .04	.39									. 09	.10 .02 .28 .20 .02		. 49	.60									.20	.18 .29 .10 .56		1	1.86 1.75 0.85 1.10 2.68
MOUNT STERLING MURRAY OLIVE HILL R OLNEY OMEONTA DAM 35	.04			. 03	.52 .22 .17	.72		.14					. 18	т	.21 .55 .20 *	.08	.19	.60 .10 .71 1.00 .21	.22			. 09	. 06	т			т	T .08 .61	.60	.07	1	1.88 1.32 2.29 1.72 2.42
OWENSBORO OWENSBORO DAM 46 Z PADUCAE CAA PADUCAE SCS NURSERY R PAINTSVILLE	,03		1	.13 .13	.10 .08 .60 3.34	3.65 3.74							.87 .61 .88 .57	T.01	.01 .35 .45	.23 .30 T	.10	.68 .70 .04 .09	.03 .01				.08				т	.09 .05 .01 .05	T .42	. 84	1	5.64 5.79 1.98 5.33 1.98
																			13													

Station															Day	of m	onth															Total
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	P
PIREVILLE 2 PINEVILLE PLEASUREVILLE 2 8 PRINCETON RAVENNA LOCE 12	.01				.03	.26		т						т	.10	.18 .02 .14	.02	1.01 .13 .20 .64	1.00			.38	.24			. 61	.58 .07 .05	.53	.91	.07		3.5
RICHMOND TEACHERS COL RUMSET LOCE 2 Z RUSSELLVILLE RUSSELLVILLE SUBSTA SADIEVILLE WATER WOBES R	T .05			.03 T	.18	.38	.21	.06					.28	.04	-	.30 .38		.70	.28 .81				.18					.03 T	.10 .84 -	. 12		3.
ST JOHN BETHLEHEM ACAD ST MARY R SALVISA LOCE 6 SALTERSVILLS R// SCIENCE SILL	T T			.02	.55	.80							.05	.08	.47 .09	T .15		.50 .40 .74 .83	T .16			.13	т				. 16	.09 .03 .22 .10	.17 .83 .20	. 20		0. 1. 2. 1.
SCOTTSVILLE SEBREE WATER WORKS SHELDEVILLE 2 W SHEPBERDSVILLE SMITHFIELD 4 S 8	.02			.06 T	.15 1.68 .15	.48	.02						.80 T	.05	.11	.08 T .20 .28	.02	.58	.01			.01	.04 T					.14 .01 .03 .04 .25	.02	.06		0. 4. 1. 1.
SOMERSET BIWAY DEPT B SP8 INGFIELD STEARNS R SOMMER SHADS SUBSTA TATHAM SPRINGS B					T .40	.72							т		.15	.09 .29 .07	.07 T	1.39 .50 .09 .54	.30			.08	.03			.02	.14	.11 T	.80 .07			1. 1. 0.
TAYLORSVILLE TOMPKINSVILLE TOMPKINSVILLS TOMPKINSVILLS TEL OFF TURKEY CREEK SCHOOL				т	.06	.67							-	.10	-	.16 .15		.02 .20	.08									.10	.07			1.
TYRONE LOCK 5 UNIONTOWN DAM 49 Z	.38			T .07	т	. 48		.02					1.64	т	т	.08		.20 1.34	.31									.05	.11			3.
VALLEY VIEW LOCK 9 VANCEBURG DAM 32 WAYNESBURG 6 E WEST LIBERTY WATER WES	.14			T .07	.30	.15										.50 .08 .08		.05	.28 .58 .74 .52				.01					.01 .13	.25 .08	.02 .08 .30 .41		1.
WILLIAMSBURG WILLIAMSTOWN WILLOW LOCE 13 WOLF CREEK DAM 2 WOODBURY LOCE 4 2				.03	-	.08								.08	-	.19	.02	.95 .12 .03	1.57			.16	.04 .03 .03			.38	.04	.05	.03 .11 .01	.12		1. 1. 0.

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state hasie. There will he no duplication of numbers within a State. Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not liated in the tablae, are sither missing or received too late to be included in this issue.

Daless otherwise indicated, discontonal units used in this bulletin are: Temperatures in "P, precipitation and evaporation in inches, and wind movement in siles. Evaporation is measured in the standard Weather Eureau type pan of 4 foot diameter unless otherwise shows by footonic following Table 6.

Ac of January 1, 1849, deepoint values helow 22°2, and relative hundrity values at temperatures helow 32°2, are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygro setric values before and after January 1, 1849, cannot accurately be conhicted without necessary conversion.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Tahls 4 are from recording gages. Traces are not shown

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- R

- lades for observation time.

  No record.

  And also on later data:

  And also on later data

  Precipitation seasured at 6-hourly intervals, so recording gago.

  Yater equivalent of snowfall wholly or partly setimated, using a

  One or more days of record missing; see Table 5 for detailed daily

  record.

  Storage precipitation station. Precipitation measurements, and on

  Interval, with intervals, will be published in the June issue of this

  Trace, an amount too small to seasure.

  Trace, an amount too small to seasure.

  Cheevration time is 1130 A. S. S. T. of the following day.

  Bourly amounts from a recording gag at the snae cite may be found

  in Table A.

Submarription Price: 15 centa per copy, Monthly and Annual; \$1.50 per year. (Yearly euh-ecription includee the Annual Summary.) Checks, postal notee and money orders chould be made psyable to the Treasurer of the United States. Resittances and correspondence re-garding autherlytions should be cent to the Weather Racorde Processing Centar, 1300 U.S. Court Souse, Chicago 4, Illinola.

A M Hour ending

KYMTOCKY

SEPTEMBER 1949

P M Hour ending

Station						A	M FIOI	ur end	ing									PI	M Hou	n end	ing					7
Station			2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Tota
			har										-3	d-												
MALEYS MILL MADISONVILLE 1 SE MOOOBURY LOCK 4																							.04	.01		.04
WOOOBURY LOCK 4													A 1	1.							. 02			.01	.02	.03
AODIRON DAN 45					01	01	.01	. 01	.02		.01		-41	.03	.06											
AODISON DAM 45 CARROLLTON LOCK 1 CONSTANTINE					.01	.01	.01	.01	.01		.01			.08												.08
COVINGTON W B AIRPORT	6			*	*	٠	•	. 02	.29	.01		•	•	•	. 01	*	*	•	*		.01					
DUNGEE BARRETTS FORO BR FOROS FERRY OAM 50 HEIDELBERG LOCK 14					. 02	.03	.01	.02	.01	.01					.01											.06
HERNDON						. 01	. 07	.01	.02	,03	.02	.01	.01													.08
LOUISVILLE BOWMAN FLO LOUISVILLE STAN W B AP							.02 .02 .01 .07	.01							,03											.02
LOUISA LOCK 3 LOUISYILLE BOWMAN FLO LOUISYILLE STAN W B AP LOUISYILLE WB CITY MAOISONVILLE 1 SE MAYSVILLE OAM 33 OWENSBORD OAM 46 RUNSEY LOCK 2 SAOIEY LE WATER WORKS															,				.63	. 03		. 01				.04 .03 .06 .03 .08 .10 .02 .03 .09 .07 .67 .17 .11 .04 .02 .02
OWENSBORO OAM 46 RUMSEY LOCK 2 SACIEVILLE WATER WORKS					. 12		.01	.02	. 02					.01	.04											. 17
OMETHETET D A C								.01	.01	.02					.04											.02
UNIONTOWN OAM 49 WOOOBURY LOCK 4						.05		.02																		.07
													-5	th-												
ADDISON DAM 45 BEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1					. 01			.03	. 65	. 28	.13	.04														1.14 .05 .27 .06 .18
CARROLLTON LOCK 1													.06	:19	.01	.01	.01	.07	٠	٠	٠	. 06				.06
CONSTANTINE COVINGTON W B AIRPORT DUNDEE BARRETTS FORO BR	6											.01			.02	. 15		. 01				٠	•	•	.01	.20
FLEMINGSBURG POST OFF FORDS FERRY OAM 50								.01	. 19	. 16	.02	.04	. 21	.71	.07	.01	.01									1.01
HALEYS MILL SERNDON											.01	.01	. 07	.01												.08
HODGENVILLE NAT PARK LEXINGTON WB AIRPORT									. 02	.02		. 12	. 14	.01	.48 .33 .02	.05	. 02									.53
FORDS FERRY OM 50 EST LOCK 3 BALEYS WILL BERNDON BODGENVILLS NAT PARK BODGENVILLS NAT PARK LITTLE BICKMAN LOCK 8 LOGLICK IS LOUISA LOCK 3 SOUTHWAY LOCK SINGLES AND STEPPING SOUTHWAY LOCK SOUTHWAY LOCK SINGLES AND STEPPING												. 29	. 05	.03	.02								.33			.34
LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP										.01	.16	.09														. 25
LOUIS A LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY LUCAS MADISONVILLE 1 SE MAYSVILLE OAM 33 MAYSVILLE OAM 33					. 01			.01	.03	.01	.06	.07	.02	.02	.01											1.01 .42 .19 .08 .02 .74 .53 .05 .34 .33 .25 .28 .32 .13 .02 .13 .22 .66 .35 .37 .37
MAYSVILLE OAM 33 MC KINNEYSBURG	1/1													.01		.06 .11 .10	.05									.13
MC KINNEYSBURG MILLERSBURG MOREHEAD STA TEACH COL													.29 .23 .02	.24	.06	.10	. 05	.02								. 66
DLIVE BILL DWENSBORO OAM 46 PADUCAB CAA	6								2.78	.71	.14	.05			.02	.02										3, 79
PADUCAB CAA PAOUCAB CSA NURSERY RUMSEY LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE							.57	1.42 .68	.07	.38	.59	. 27	.03	.01	0.5	.01										3.34 .78 .57 .55 .01 .40
													. 50	.01	.05	.01		.02								.55
FATHAM SPRINGS WOODBURY LOCK 4								.12	.02			•	•		.06	.04	*	•	, 40							. 56
													<del>-6</del>	th-	•											
BEREA COLLEGE LOUISA LOCK 3 SADIEVILLE WATER WORKS				.03			. 05		.01																	.03 .11 .01
SADIEVILLE WATER WORKS		.01											-12	th-												.01
AOOISON DAM 45	//																.01		.04	.03	. 02					.10
AOOISON DAM 45 FOROS FERRY OAM 50 MADISONVILLE 1 SE																		.01	. 18	.02	.04	.02			.02	.26
DWENSBORO DAM 46 RUMSEY LOCK 2 UNIONTOWN DAM 49	//																.08	. 36	. 40	.19	.01	. 07	. 02		.01	.23 1.10
													-13	th-												
ADDISON DAM 45 ADOLPHUS 1 N BENTON 1 SW	1/							.01	.01			.01	.02	. 01		.02	.01									. 05
BENTON 1 SW BOWLING GREEN WB AP CLINTON				. 10	. 06				. 02																	.05 .04 .17 .02 .76
	6	. 02	. 47	. 20	.07		02	.03				. 01	. 01					*		٠	.01					.07
DUNDEE BARRETTS FORD BR FORDS FERRY DAM 50 FRANKLIN WATER WORKS HODGENVILLE NAT PARK		. 11	. 39	. 13	. 02	-	-	-	-	-,	-	_	-	-	-	-	-	-	- 1	-	-	-	-	-	-	.65
	//	. 02	. 01						. 04	.01		.02	.01													.01
LIBERTY LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY LUCAS	′′	. 02	. 51						.03	.07																.01 .03 .10 .05 .02 .08 .03 .60
LOUISVILLE WB CITY LUCAS			00		01				. 07	. 02					.01											.02
MACISONVILLE 1 SE DWENSBORO CAM 46 PADUCAB CAA PADUCAB SCS NURSERY	6		.02	:	.01	:	. 88		•	•		•	. 60													.60
PADUCAB SCS NURSERY RUMSEY LOCK 2		.02	.34	. 17	.04	.01		.01				. 01		0.1	.01											.57 .06 .07
RUMSEY LOCK 2 ST MARYS COLLEGE TOMPKINSVILLE UNIONTOWN DAM 49	//	09	_	. 15	-	-	-	-	.02	.06	-	-	-	. 01	-	-	-	-	-	-	-	-	-	-	-	.47
PARTON OFF THE	"	, 03	, 20	, 13					.02	.01			-15	th-	-											
ADOISON DAM 45 ADOLPHUS 1 N BENTON 1 SW	"									.01	. 22	. 17			.01		.02	.03	.02							. 45 . 08 . 51
BENTON 1 SW	′′						,		<i>(</i> 1)	. 13	. 35	.02		.01			.02	,00	, 02							.51
							merence	seton e	tollowin	ag Stati	on Inde															

P. M. Hour ending Station 1 2 3 5 6 8 9 10 11 3 5 6 9 11 12 BEREA COLLEGE
BOWLING GREEN WB AP
CARROLLION LOCK 1
CLINTON
CONSTANTINE
COVINGTON W B AIRPORT
OAVELLA
DUNDEE BARRETTS FORD BR . 01 08 27 28 47 30 .07 .04 11 01 . 10 . 01 02 . 08 . 37 . 20 . 16 . 44 12 DUNDEE BARRETTS FORD
EDMONTON
FLEMINGSBURG POST OFF
FOROS FERRY DAM 50
FRANKLIN WATER WORKS
GEST LOCK 3
HALEYS MILL
HEIOELBERG LOCK 14
HERMION .02 .03 . 11 .06 HETOGLESEG LOCK 14
HERNDON
BODGENVILLE NAT PARK
LEXINGTON WE AIRPORT
LIBERTY
LITER BICKMAN LOCK S
LOCICK 1 S
LOUISA LOCK 3
LOUISVILLE BOWMAN FLO
LOUISVILLE STAN WE AP
LOUISVILLE STAN WE AP
LOUISVILLE STAN WE AP . 01 . 01 . 03 . 05 .35 ำกด .09 .12 .01 0.4 01 .13 .19 LOUISVILLE STAN PLAN
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SMITHFIELO 4 S
SOMERSET BIWAY DEPT
STEARNS
WOLF CREEK DAM
WOOOBURY LOCK 4 01 02 04 02 . 01 01 . 02 03 . 02 -17th-AODISON OAM 45
BENTON 1 SW
CARROLLTON LOCK 1
CLINTON
CONSTANTINE
COVINGTON W B AIRPORT 10 . 16 .01 .11 . 25 . 02 . 32 . 01 . 02 80 .60 .23 .56 .07 .04 .43 .25 .15 . 07 . 37 .05 01 OAVELLA DUNDEE BARRETTS FORO BR FORDS FERRY DAM 50 HALEYS MILL . 01 .20 31 . 01 HALEYS WILL
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LOUISVILLE STAM W B AP
LOUISVILLE STAM W B AP
LOUISVILLE WE CITY
MADI SONVILLE 1 SE
OFENSBORD DAW 46
PADOCAS CAR
PADOCAS LOC. 2
SWITTEF LELD 4 S
STEARMS
WILLOW B AP
WOODBURY LOCK 4 .05 . 13 .01 .26 .83 .55 .27 .07 1.26 . 42 . 31 07 20 . 06 01 . 01 1, 03 . 20 .01 -18th-ADDISON DAW 45
ADDLEBHS 1 N
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COMMOTON FLEMINGSBURD POST OFF
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Table 4-Continued	Tal	ble	4-	Co	ntı	nu	ød	
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COMBIN CAN
COVINGTON W B AIRPORT
COVINGTON W B AIRPORT
COVINGE BARRETTS FORD BR
EDWONTON
BE STATEMENT SORD BR
EAVARD
BAYARD
BAYA 06 . 31 .07 .10 .09 .02 .02 .26 .10 .02 .01 .01 02 01 . 01 01 02 .01 03 01 . 02 . 27 0.5 13 01 . 03 . 03 . 01 -23d-BAXTER HARLAN WATER WES CORBIN CAA HINDELBERG LOCK 14 PIKEVILLE RUNSEY LOCK 2 STEARNS WOLF CREEK OAM WOODBURY LOCK 4 . 17 . 01 . 02 .06 01 .02 . 02 01 -26th-. 02 STEARNS -27th-BAXTER HARLAN WATER WKS
BENTON 1 SW
CORBIN CAA
OAVELLA
PLENINGSBURG POST OFF
HAZARO
HEIDELBERG LOCK 14
LOWISON POST OFFICE
LOUISA LOCK
MIOOLESSBORO RR STA
PILEVILLE .01 . 01 03 .02 . 11 . 03 . 04 . 05 . 08 . 07 .02 .02 .01 .50 . 01 6 • . 07 .07 .03 .43 .03 .80 .15 .13 . 05 . 02 . 03 . 03 01 02 . 03 . 02 02 01 PIKEVILLE SALYERSVILLE STEARNS .07 -.06 02 .01 .02 . 10 02 // .01 . 02 . 01 . 02 0.1 -28th-ADDISON OAM 45
ADDLPRIES 1 N
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CARROLLTON LOCK 1
CLINTON LOCK 1
CORBIN CAW B AIRPORT
OATELLAN
FLEM INGSBURG POST OFF
FOROS FERRY OAM 50
GEST LOCK 3
BRALETS WILL . 11 .11 .03 .30 .11 .07 .07 . 02 .01 . 04 .43 .04 .02 .06 .01 .08 23 .01 0.1 . 01 0.1 . 01 . 03 01 02

nce notes following Station Inde

Table 4-Continued

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HEARING HERSHOOD TO ALTROPAT LEXINGTON TO ALTROPAT LEXINGTON TO ALTROPAT LEXINGTON TO ALTROPAT LOUISALLE TO CITY LICAS LOUIS ALLE TO CITY LICAS MAYSYLLE DAWN 35  W. KINSTSHORG  M. KINSTSHORG  M. KINSTSHORG  M. CHANSTSHORG	Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	T <sub>T</sub>
LOCIS LOCK 3 LOCISVILLE WE CITY LOUISVILLE WE CITY	HEIDELBERG LOCK 14 HERNDON LEXINGTON WB AIRPORT LOGLICK 1 S		. 01	. 01	. 02	. 08				. 02	. 01		.01														.08 .18 .12 .17 .03
MEXINVESSING	LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE WB CITY LUCAS			. 17	.01		00	.01		.01		. 39	.01	.01	.01					.01	·	•	i	. 19			.57 .10 .27 .07
OLIVE BILL PARCAM CAS SURSERY PREVILLE RATER VOKES   .05   .15   .01   .01   .22   .03   .01   .01   .06   .01   .07   .01   .	MC KINNEYSBURG MIDDLESSORO RR STA MILLERSBURG	///	. 02	-	.03	.07	_	. 52		.13	02		-	-	-	.01	-	-	.02	-	-	-	-	-	.01	711	.13 .20 .89
SADIFIEVILLE WATER BORKS SADIFIESTILES // .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	OLIVE HILL PADUCAH CAA PADUCAH SCS NURSERY PIKEVILLE	6		.05		•	•	. 11	.13	. 10				. 22	.03		.01	.01	. 06								.05
ADDISON DAM 45 SATTER BRHAM WATER WRS SERRA COLLEGE SERRA SERRA COLLEGE	SADIEVILLE WATER WORKS SALTERSVILLE SMITHFIELD 4 S SOMERSET HIWAY DEPT STEARNS	//	.01	.01	.01	.01	.01			. 02		-	. 16	-	-	-	-	-	-	-	-	-	-	-	-	.01	.22
** * * * * * * * * * * * * * * * * * *	TATHAM SPRINGS													-29	th-	-											
COBBIN CAA 6 0	SAXTER HARLAN WATER WKS SEREA COLLEGE						. 04	. 03	.03			.01	.02			. 02											.1
FILEN HIGSBURG POST OFF GEST LOCK 3 (	CORSIN CAA COVINGTON W 8 AIRPORT	6	.01	.02	:	:	:	*	*	.02						. 05		.03	. 10	.05							1 :
LEXINGTON WE AIRPORT LOCALING IS AIRPORT LOCAL	FLEMINGSBURG POST OFF GEST LOCK 3 HAZARD	//	1			.01		.23	.01	. 02		.06	.01				. 01										
MATSYLLE WE CITY   .02   .01   .02   .02   .03   .03   .02   .03   .03   .02   .01	LEXINGTON WB AIRPORT LOGLICK 1 S LONDON POST OFFICE LOUISA LOCK 3			.01		.06		2			.02	. 14		.03	.06	. 05	.03	.04	. 04	.03	3 .0	1					
MILLERSHUNG MORERAD STA TEACH COL OLIVE HILL	LOUISVILLE WB CITY MAYSVILLE DAM 33 MC KINNEYSBURG	//	-	. 02	-	-	-	-	.02	.02	-	] -	-	-	-	-	.03	-	.01	-	-	-	-	-	-	-	1
SALTERSVILLE	MILLERSBURG MOREHEAD STA TEACH COL OLIVE HILL PIKEVILLE		. 15	. 05	.01		. 04	. 07		.04	.03	.10	.05	.06	.05		.08				-	_	_	-	_	_	1
TATHAM SPRINGS .06 .04	SALYERSVILLE SMITHFIELD 4 S SOMERSET HIWAY DEPT	//	.01	-				. 05	.08	3 ,02	.01		. 10			.13	. 05	.04	. 02	,	.0	2 .0	L .0:			, 01	:
	TATHAM SPRINGS					.06	. 04	1			.01																Ŀ

# DAILY TEMPERATURES

Table 5 Station		_					_																									
Station	-														Day	of mo	nth															rage
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
SILLAND DAM 29	47 86 57 75 59 85 55 55 55 57 70 51 75 50 73 52 74 49 86 53 84 73 46 83 83 55 85 55 85 85 85 86 86 86 86 86 86 86 86 86 86 86 86 86	81 46	85 59 84 49 88 57 80 48 85	85 84 86	81 68 89 67 81 69 86 60 83 69 82 66 83 68 84 65 88 70 87	81 62 86 66 83 64 89 61 82 67 84 68 84 65 84 65	80 558 78 558 883 633 634 59 87 600 85 87 59 85 600 83 57 78 82 59 80 60 83 60 83 60 83 60 83 60 83 83 83 83 83 83 83 83 83 83 83 83 83	72 55 84 56	78 43 71 45 77 45 75 48 75 42 75	79 45 75 46 80 45 75 41 78 44 79 47 80 45 76 40 76 45 77 72 40 40 45 77 40 40 40 40 40 40 40 40 40 40 40 40 40	80 49 77 45 83 51 75 42 79	79 55 81 45 80 45 59 80 45 55 80 46 81 54 80 58 80 80 80 80 80 80 80 80 80 80 80 80 80	73 62 80 52 63 80 50 50 80 56 78 60 77 61 77 61 77 48 82 58 77 48 73 60 84 59 75 75	74 42 88	58 52 80 53 53 65 52 82 53 74 54 65 65 67 71 56 88 53 82 79 54 76 76 76 76 76 76 76 76 76 76 76 76 76	62 52 74 56 64 55 84 60 63 54	81 58 80 55 87 60 89 62 87 60 87 63 64 55 54 88 54 85 55 54	80 67 85	81 56 82 65 85 60 85	74 43	83 45 75 45 86	72 53 84 48 80 50 82 44 70 54 79 49 49 57 76 52 80 49 49 49 43 78 53 78 43 78 53 78 54 78 55 78 56 78 57 78 57 78 57 78 57 78 57 78 57 78 57 78 57 78 57 78 57 78 57 78 57 78 57 78 57 78 57 57 57 57 57 57 57 57 57 57 57 57 57	67 41 67 47 70 46 81 48 65 45 70 67 41 74 47 69 46 48 48 76 47 77 41 47 47 47 47 47 47 47 47 47 47 47 47 47	69 35 68 38 37 67 40 66 37 69 39 39 66 34 69 38 65 33 68 39 67 70 37	74 38 69 38 77 73 37 75 33 74 36 79 72 34 36 79 38 64 33 74 41 68 39 68 36 75 37 77 38 38 77 77 38 77 78 38 78 78 78 78 78 78 78 78 78 78 78 78 78	78 43 72 40 82 46 70 39 76 47 80 44 47 80 76 40 41 77 43 70 38 80 76 40 40 40 40 40 40 40 40 40 40 40 40 40	80 48 76 44 44 85 54 76 56 81 77 58 81 77 50 75 44 82 79 43 73 44 81 75 81 77 81 81 81 81 81 81 81 81 81 81 81 81 81	73 58 69 53 80 56 72 58 75 60 79 51 79 51 79 57 75 57 77 75 57 77 75 75 75 75 75 77 75 77 75 77 75 77 77	62 41 73 49 65 44 70 42 65 40 63 46 46 55 36 46 47 63 46 47 63 46 47 63 48 70 48 49 49 49 49 49 49 49 49 49 49 49 49 49	70 30 52 36 71 31 31 52 41 67 33 73 35 72 32 32 32 65 34 57 35 65 36 37 36 37 37 37 37 37 37 37 37 37 37 37 37 37		75. 50. 77. 75. 50. 79. 52. 78. 50. 76. 52. 78. 51. 78. 54. 76. 49. 49. 49. 49. 40. 77. 50. 77. 76. 76. 77. 78. 78. 78. 78. 79. 79. 79. 79. 79. 79. 79. 79. 79. 79

## DAILY TEMPERATURES

Table 5-Continued

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SEPTEMBER 1949

EMBURISH SLICE 14	Table 5-Coutinued		-																															-
ENFORMATIES   N. X   1.   1.   1.   1.   1.   1.   1.	Station																Day	of m	onth															8
ENDRISHON LOCK 14  N. 17  10  10  10  10  10  10  10  10  10	Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28	28	30	31	Ave
LITCHYPILDL    1.1.   1	BEADQUARTERS BEEIDELBERG LOCK 14 BERDERSON 4 SW BINDMAN SETTLEMENT SCE BOPKINSVILLE 2 E	MIN MAX MIN MAX MIN MAX MIN MAX	75 54 74 51 84 51 75	43 50 45 77 50 78	55 87 52 84 52 85	53 58 68 88 60 55	84 54 62 57 89 56 77	52 57 83 50 84 85 78	60 85 59 82 54 53	75 52 73 58 83 53 75	45 80 45 75 50 73	43 75 45 72 43 80	41 78 50 78 45 79	47 73 53 80 41 80	49 75 60 79 44 78	60 70 43 84 53 73	75 53 50 50 80 55 57	65 58 65 48 82 59 58	52 84 58 70 52 88	53 79 55 87 55 50	81 82 50 81 50 82	57 74 45 77 45 80 43 80	45 81 42 83 47 74 42 75	38 75 49 77 53 50 45 82	37 75 47 58 48 80 47 75	32 59 37 57 40 57 39 57	31 72 37 72 41 65 35 58	75 40 79 48 72 39 78	74 49 82 57 75 39 80	75 55 75 55 65 46 75	57 50 50 42 70 48 65	55 35 70 34 50 40 88		51. 75. 52. 77. 50. 75.
ALBOSON ILLE I SE  MAX 85 75 81 83 77 82 83 87 78 84 85 78 84 85 85 84 85 85 85 85 85 85 85 85 85 85 85 85 85	LEITCHFIELD LEXINGTON WB AIRPORT LOUISVILLE STAN W 8 AP	MIN MAX MIN MAX MIN MAX MIN MAX	48 73 50 70 53 74 52 70	45 81 47 82 50 83 46 81	60 83 62 85 63 88 61 84	68 85 88 88 68 88 87 85	68 80 66 80 68 83 68 80	63 80 65 78 61 81 64 78	80 83 58 82 58 85 80 81	58 75 60 72 51 73 53 70	44 75 48 73 45 76 48 75	45 75 48 75 48 80 46 78	51 76 52 80 54 78 50 78	83 78 60 76 57 78 80 77	63 78 63 78 61 78 57 76	43 73 46 74 51 78 48 71	51 64 54 65 54 60 51 58	56 63 54 83 54 65 54 63	55 85 56 84 61 84 80 82	68 82 86 81 85 83 70 78	61 81 83 78 57 82 58 78	44 73 48 72 50 73 48 71	45 80 48 81 48 85 48 81	52 75 51 72 53 77 57 74	43 67 48 64 46 68 47 63	36 85 48 85 40 67 38 68	38 71 40 72 45 73 41 73	44 76 45 78 48 78 45 76	55 78 53 78 55 81 52 78	58 75 56 78 52 77 53 72	43 84 44 57 42 60 38 58	31 67 35 67 36 70 33 88		52.4 75. 53. 74.1 53. 75.4 52.4
MIN 52   46   52   67   66   61   59   61   59   61   59   61   59   61   61   62   63   64   63   64   63   64   64   64	MADISONVILLE 1 SE MAMMOTH CAVE PARK MANCHESTER	NIM NIM NIM NIM XAM XAM XAM	48 85 49 85 58 80	43 75 44 73 50 88	50 81 52 84 58 88	70 88 68 86 85 88	65 87 72 85 67	63 78 64 81 62	62 83 59 82 54 87	63 83 61 84 59 88	50 75 48 73 50 75	47 76 48 73 50 82	54 78 50 78 45 83	64 78 58 78 56 85	66 78 83 80 58	46 75 40 75 44	50 71 52 75 55	56 58 51 81 52	54 75 55 68	68 87 64 87 68	60 78 62 83 84	48 80 45 80 43	47 76 45 74 41	52 84 50 82 52	48 77 48 74 48	38 88 38 67 38	42 88 38 66 38	45 75 43 74 42	58 80 52 77 57	53 81 55 80 58	43 75 44 76 43	31 62 33 61 30		52. 77. 51. 76. 52.
Second   Min   Seco	MAYFIELD 2 S													60																				
INTERVILLE	AYSVILLE DAM 33 MIDDLESBORO MOUNT STERLING TURRAY DWENSBORO	MIN XAM NIM XAM MIN MAX MIN MAX	52 73 57 75 54 76 50 85	45 55 57 84 48 82 47 76	50 84 56 88 61 88 53 85	65 86 63 89 68 87 68 87	65 81 67 84 68 80 69 86	66 85 67 84 67 85 63 83	56 85 65 84 57 87 59 86	58 81 62 79 59 77 63 79	45 73 46 75 45 77 49 78	46 78 44 78 48 78 45 82	46 80 42 81 52 80 51 81	48 80 47 78 55 83 62 79	50 81 47 80 57 79 66 76	51 82 62 77 53 76 46 75	48 85 53 72 56 63 52 74	54 80 63 64 54 67 55 60	52 85 65 84 59 91 58 65	59 81 64 83 68 82 66 85	60 80 63 81 65 86 59 80	42 74 44 75 50 79 45 81	42 80 46 82 46 84 44 78	42 80 50 78 49 88 48 85	45 75 48 69 47 72 49 77	38 68 38 72 41 70 37 70	38 72 41 73 40 77 38 72	42 72 43 77 46 81 43 78	42 69 58 77 53 81 54 82	50 73 60 76 59 80 55 83	50 67 50 69 48 64 43 76	32 67 37 66 36 71 31 65		48. 78. 53. 77. 53. 79. 52. 78.
CIENCE BILL  MAX 72 87 87 87 87 87 87 87 72 87 87 72 97 87 72 70 70 70 70 70 70 70 70 70 70 70 70 70	ADUCAE CAA PIKEVILLE PRINCETON RICHMOND TEACHERS COL T JOHN BETHLEHEM ACAD	MIN MAX MIN MAX MIN MAX MIN MAX	50 79 51 76 61 83 52 83	46 86 51 83 42 70 44 72	51 88 57 87 52 84 58 82	70 91 63 87 69 89 65 84	68 86 64 81 70 86 69 85	63 85 56 84 64 82 67 78	64 80 64 82 58 80 57	57 75 55 76 63 82 61 84	50 75 48 78 45 72 44 72	49 80 48 79 44 72 44 74	59 82 46 80 50 77 45 78	66 82 47 81 62 80 51 79	53 88 53 77 64 80 54 78	46 82 57 73 44 79 51 76	50 83 60 62 52 77 55 73	56 72 61 65 54 71 53	55 88 62 88 61 69 55 63	66 85 65 80 67 86 67 84	54 84 51 83 58 83 65 82	48 76 48 78 43 80 46 80	49 83 50 85 44 71 42 73	54 83 51 80 50 82 53 82	46 70 45 73 48 72 46 76	41 68 42 70 38 66 36 66	42 75 43 75 38 66 36 66	47 77 45 80 41 71 42 73	59 70 58 82 50 77 52 77	51 74 58 76 55 78 59 78	39 58 46 65 45 77 47 76	34 68 43 71 30 55 33 60		52.8 78.1 52.8 77.8 52.1 76.6 51.6 75.1
LILLIANSTORN MIN 56 47 57 65 66 65 62 62 46 44 55 44 48 54 52 48 54 66 63 46 48 68 2 38 40 44 57 54 47 40 51.5  ULUT CREEKE DAN MAX 76 78 88 89 88 94 89 90 78 76 81 38 38 57 79 84 81 68 91 86 2 77 78 88 89 84 89 90 78 76 76 78 88 89 84 89 90 78 76 76 78 78 80 89 84 89 90 78 76 78 78 78 80 89 84 89 90 78 76 78 78 78 80 89 84 89 90 78 76 78 78 78 78 78 78 80 89 84 89 90 78 76 78 78 78 78 78 78 80 89 84 89 90 78 76 78 78 78 78 78 78 78 78 78 78 78 78 78	CIENCE HILL COTTSVILLE EMELSYVILLE 2 W EST LIBERTY WATER WKS VILLIAMSSURG	MIN MAX MIN MAX MIN MAX MIN MAX	52 79 59 84 50 86	46 86 44 71 46 70	58 88 63 81 46 84	66 88 67 85 60 87	67 82 67 86 67 88	67 86 64 77 64 83	61 87 59 80 57 82	63 79 62 82 56 83	46 76 47 72 45 76	43 81 44 77 45 73	48 83 49 79 47 78	50 84 54 80 50 78	56 81 62 77 58 84	58 81 51 75 46 80	55 76 55 75 46 78	58 68 55 58 52 75	63 91 66 63 53	66 86 70 82 60 83	67 86 62 83 62 81	44 79 43 80 47 81	41 85 44 75 44 73	49 82 48 83 45 71	46 75 44 74 44 65	37 70 36 66 39 66	38 76 37 69 39 67	42 79 45 74 39 68	52 81 51 79 45 70	56 80 58 82 54 70	47 69 44 78 46 74	31 71 31 60 32 52		78.8 52.4 80.5 52.7 76.2 48.5 76.1
		MIN MAX MIN MAX	56 50 78	47 48 88	57 55 89	65 60 88	66 69 84	65 61 89	56 90	62 54 78	45 48 76	44 49 81	45 49 83	55 85	48 57 79	54 48 84	52 53 81	48 48 68	54 49 91	64 60 86	63 62 85	46 48 77	45 48 85	48 51 83	42 45 70	38 40 70	40 41 78	44 47 81	57 49 80	54 52 81	47 47 61	40 39 70		51.5 51.3 80.6

# EVAPORATION AND WIND

Station																	Day o	f moi	nth														
		1	2	3	A	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
X DAM	EVAP	.21	.20	.16	.16	.13		.13	. 13			.16	.17	.11	.10		.06	.05	.04 6	.25	.26		.19	.11	.13	.12	.14	.10	.08	. 03	.02		3.93
K DAM	EVAP	.24 14	.21 27		.18			.17		.05 29					.19		.19		.06							.19 18	.12			.14	.08		4.47 487

# STATION INDEX

SEPTEMBER 1949

Station	Index No.	County	Drainage ‡	Latitude	Longitude		Obe vation dund dund dund dund dund dund dund du	on	Observer	_	Refer to ables			Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation		Precip. a B	Observer	ta	Refer to ables	
ADOLPHUS 1 N	0031 0043 0095 0155	SRECEINRIDGE ALLEN FLOYD JEFFSRSON PIEE	1 7	36 39 37 35 38 16	86 34 86 16 82 43 85 33 82 26	380 600 650 700 1100	7P	7A 8A 7P	CORPS DF ENGINEERS IDELL M DEANING NANNIE AUXIER C E BARRET MARY S RATLIFF	3 3 3 2 3	4	5		LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWHAN FIELD LOUISVILLE STAN WE AP LOUISVILLE UPPER GAGE	4954	LAUREL LAWRENCE JEFFERSON JEFFERSON JEFFERSON	7	36 I3 36 II 38 I7	84 05 82 37 85 40 85 44 85 48	403	MID	MID 8A	E W BC NASSER RUSSELL T WHEELER DS WEATHER BUREAU US WEATHER SUREAU US ENGINEERS	2 3	3 4	5
ASSLAND DAM 29 BARBOURVILLE WATER WES SERDSTOWN BATTER BARLAN WATER WES SEAVER DAM	0389	BOYD ENOX NELSON HARLAN OBIO	2 B	36 52 37 48 36 51	92 36 83 53 85 28 93 20 86 52	534 1000 637 441	3	7A	CORPS OF ENGINEERS JOHN R WHARTON MRS POPE SISCO CYRUS S LAYSON E G YOUNG	2 3 3 3 2 3	4	5		LOUISTILLE WE CITY LOVELACRVILLE LUCAS MADISORVILLE 1 SE MANMOTS CAVE PARE	4867 5002 5087 5087	JEFFERSON SALLARD SARREN HOPKINS EDMORSON	3	36 58 38 53 37 19 37 11	85 45 88 50 88 02 87 29 88 06	457 478 435 800	BA	SA	CECIL S BRITT J W MC COV NATIONAL PANE SERV	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 4 3 4	3 3
SENHAM BENTON BEREA COLLEGE BEREA WATER WORES SOSTOR 2 SW	0611 0619 0624	HARLAN MARSHALL MADISON MADISON NELSON	4	36 58 36 51 37 34 37 34 37 46	82 57 88 21 84 18 84 16 85 42	1580 380 1070 1190 430	8A 6P	0.4	C C WHITEAKER SENTON WATER WORES JAMES A GROSSMAN MRS L B GAFFARD MRS PAOLENE COY	2 3 2 3 3	1	5		MANCHESTER MAYFIELD SOSTA MAYFIELD 2 S MAYSVILLE DAM 33 MC EINNEYSBURG	5230 5232 5243 5301	CLAY GRAVES GRAVES MASON PENDLETON	6 7 5	37 09 36 44 36 42 38 38 38 38	83 48 88 39 88 38 83 42 84 18	450 384 364 524 610		5P GA MID	EARL SOWARD TVA MRS JOE PAYNE CORPS OF ENGINEERS AMANDA A AULICK	2	3 3 4 3 4	5 5
BOWLING GREEN BOWLING GREEN SOBSTA ECOVLING GREEN WE AP HERNT CAM 38 BROWNSVILLE LOCK 6	0907 0909 0978	WARREN WARREN WARREN CAMPBELL EDMONSON	3 3 7	37 00 37 01 36 38 39 03 37 12	86 26 86 26 86 26 84 25 86 16	536 470 535 489 410	MID :	7A #10 7A 7A	JAMES R EDWARDS TVA US WEATHER SUREAU CORPS OF ENGINEERS CORPS OF ENGINEERS	2 5	4	5		MIDDLESSORO MIDDLESSORO RR STATION EIDWAY 2 S MILLERSHURG MILLERSTOWN	5394 5407 5436 5488	SELL SELL WOODFORD BOURBON GRAYBON	2 4 5 3	36 37 38 37 38 07 38 18 37 27	83 43 83 43 84 42 84 09 86 03	1130 803 560		BA 8A	BUCH ALLEN FRAME M TALIAFERED JOHN 5 NUGERT MRS AMT L POTTS MRS OM LAWLER		3 4 3 4	5
SUSGIN DIS CAM BURNSIDE CADIZ LOCE E CAMPEBLLSVILLE CARROLLTON LOCE I	1206	PULAS#1 TNIGG	3	37 48 38 59 36 46 37 20 38 41	84 43 84 37 87 58 85 21 85 11	770 705 424 777 480	4P 8P	8A 7A 7A 6P 7A	C W WILLIAMS SARAH 8 LEWIS CORPS OF ENGINEERS ALVA MC KINLEY CORPS OF SNGINEERS	2 2	3	5		MONTICELLO MOREREAD STA TEACH COL MOUNT STERLING MUNFORDVILLE MURRAY	5684 5684	ROWAN MONTGOMERY BART CALLOWAY	5 3 9	36 30 38 11 38 03 37 18 36 38	84 51 83 26 83 57 85 53 88 20	910 770 930 600 600	6p	6P	E D COOPER 8 C BAGGAN FRED CARTWILL SAM CRADDOCK MURRAY WATER SYSTEM MRS N F FULTZ JR	2	3 4 3 4 3	5
CEMTRAL CITY WATER WES CLINTON COLLEGE BILL LOCE II COLLUBIA CONSTANTINE	1631 1704 1722	MUHLENBERG BICEMAN MADISON ADAIS BRECBINRIDGE	6 4 3	37 19 36 41 37 47 37 06 37 40	87 07 89 00 84 06 85 18 86 14	729 800		MID MID 8A 7A WID	CER CITT WATER WES WOODSON D FRANKLIN CORPS OF ENGINEERS WAS HAZEL B PICKET WAS GLENNIE L SHAR		3 4			OLIVE SILL OLNEY OMBONTA DAM 35 OWENSBORO OWENSBORO DAM 48	6020 6032 8090	CARTER HOPEINS CAMPHELL DAVIESS DAVIESS	7 7 7	36 18 37 13 38 58 37 46 37 47		380 497 420	5p	7A 7A 7A	ART D WILLIAMS CORPS OF ENGINEERS VINGIL P CLARK CORPS OF ENGINEERS	2 -	3 3 4	5
CORBIN CAA CORBIN WATER WONES COVINGTON WB AIRPORT CYNTBIANA DANVILLE	1855	KENTON	7 5	36 58 38 57 39 04 38 23 37 39	84 08 84 08 84 40 84 18 84 46	1170 1070 889 884 955	MID MID		CAA CORBIN WATER WORKS OS WEATHER SUREAU MARSHALL BILL R P COLDIRON	2 2 2	3 4			PADOCAR NO S FIRE STA PADOCAR SCS NURSERY PADOCAE TVA PAINTSVILLE PIREVILLE	8111 8131 8135	MC CRACKEN MC CRACKEN MC CRACKEN JOHNSON PIKE	7 7 1 1	37 05 37 04 37 03 37 49 37 29	88 35 88 35 82 48 82 31	348 826 886	8	7A	CAPTAIN FF WILLIAMS SOIL CONSERV SERV JOIL CONSERV SERV JESSH FAIRCHILD OS WEATHER SUREAD F PARTIN		3300	. 3
OAVELLA OSLPHIA DEMA DUNDEE SARRETTS FORD SE DUNNOR	2131	MARTIN PERRY ENOTT OHIO MUHLEMBERG	4 1 3	37 48 37 02 37 25 37 33 37 05	82 32 83 07 82 48 86 43 87 00	850		8A 8A 7A 7A	BERTHA DE LONG FARIS CRESS HATTIE 8 HARNSY J L BUFF N D GIVENS		3 4 3 3 4 3	•		PINEVILLE PLEASUREVILLE 2 S PRINCETON RAVENNA LOCE 12 RICHMOND E STATE COL	857: 867: 880	4 SELL SHELBY CALDWELL BSTILL MADISON	4 4	36 45 38 20 37 06 37 40 37 44	83 42 85 07 87 53 83 57 84 18	1000	5F	5P	E B MORGAN ALTON M HARVILL CORPS OF SMCINSERS EASTERN TEACHERS CO CORPS OF SNGINEERS	1	30,000	5
DUNNVILLS EDGYVILLE LOCK F EDMONTON BLIZABETETORN FALMOUTH	2445 2465 2516	CASET LYON METCALFE HARDIR PENDLETON	3	37 13 37 03 37 00 37 42 38 40	84 58 88 05 85 37 85 52 84 20	420 600		7A 7A 7A 7A 8A	LINNIS D TARTEN CORPS OF SNGINEERS JOEN E MORAN ROSERT 6 SETTL8 JESSIS OLDEAM		3 4			RUMSEY LOCE 2 E0338LLVILLS RUSSRLVILLE SUBSTA SADIEVILLE WATER WOSES ST JOHN BEVHLEHEM ACAD	704 705 707 709	9 MC LEAN 9 LOGAN 4 LOGAN 4 SCOTT 1 HARDIN	3 4 8	37 32 38 51 36 50 38 23 37 42	87 16 88 53 86 54 84 32 85 56	59: 57: 88: 77	7 43	MID 7A	DR 3 S MC RETNOLDS TVA RICHARD 8 ZEY3ING SISTER S M GSELL	2	3 4 3	5
FARMERS FLEMINGSBURG FLEMINGSBURG POST OFFIC FORD LOCE 10 FORDS FEREY DAM 50	290 1290	ROWAN FLEMING FLEMING CLARE CHITTENDER	5 4	38 09 38 25 38 25 37 53 37 28	83 33 83 43 83 44 84 15 88 08	750 593	4.P	7A 7A MID 7A 6A	MRS C C STAMPER HYRON F FLEWING MAURICE O CARPENTE CORPS OF ENGINEERS CORPS OF ENGINEERS		3 3 4	4	5	ST MARY SALVISA LOCE 6 SALVERSVILLE SCIENCE 81L1 SCOTTSVILLE	712 712 720 721	6 MARION I MERCEK 9 MAGOFFIN 2 PULASKI 5 ALLEN	5 2 3	37 35 37 58 37 45 37 11 38 45	85 21 84 45 83 04 84 35 88 13	52 90 106 77	0 5 A1	NID SP SP	ST MARY COLLEGE CORPS OF ENGINEERS J M MAY WILLIAM 8 COURS NOBLE ALLEN	2 2	3 4 3 3	5
FRANKLIN WATER WORKS FRENCIBURG 1 SW GEORGETOWN *ATEK WORKS GEST LOCK 3	303 305 319	6 FRANKLIN 6 SIMPSON 2 MENIFES 4 SCOTT 3 HENSY	5 4	38 13 38 43 37 57 38 12 38 25	84 32 88 34 83 35 84 33 84 53	691	4P	8A 7A 8A 8A 7A	CORPS OF ENGINEERS HERMAN D NEAL C JEROME BIERONYMU JOE W ATBINS CORPS OF ENGINEERS	s	3 3 3	4 :	5	SESBEE WATER WORLS SHELBYVILLE 2 W SHEPHERDSVILLE SMITHFIELD 4 3 SOMERSET HIWAY DEPT	732 733 747 750	7 PULASBI		37 38 38 13 37 58 38 20 37 07	85 1 84 3	8 82 4 45 5 86 5 87	2 3	WID WID	SEBREE WATER WORKS WILLA S A RATTA CONRAD MARAMAN F W SIMPSON L E SOTHERLAND	2	3 3	3
GLASGON GODMAN APRO FT ENCX GRANT GAM 38 GRAYSON GREENSHURG	32E 335 339	SARREM O HARDIN S BOONE 1 CARTER O GREEN	7 7 7	37 00 37 54 38 59 38 19 37 16	85 46 85 58 84 49 82 57 85 36	506	3P	7A MID 8A 8A 7A	OSA L FOLLIS OS AIS FOSCE CORPS OF ENGINEER: SSIRLEY I STATEN MRS MELL N LINGLE	2	3 3 3	4	5	HPSINGFIELD STEARNS SUBMER SHADE SUBSTA TATEAM SPSINGS TATLORSVILLE	761 780 792 794	4 WASSINGTON 7 MC CREARY 15 METCALFE 14 WASSINGTON 18 SPENCER	1	37 41 38 42 38 53 38 53 37 52 38 02	85 0 85 2	9 142	9	MIE 7/	WM 8 COATLEY C 8 CHITWOOD TTA E C DEDMAN MRS EATHRYN 8 CARR		3 3	
GREENSHING SIWAY 61 HR GREENUP DAW 30 GREENVILLE 2 W HALEYS WILL EARTFORD 6 N	344 345 353	5 GREEN 3 GREENUP 1 MUHLENBERG 9 CERISTIAN 2 OSIO	7 3	37 15 38 37 37 12 37 03 37 32	85 36 82 5: 87 1: 87 24 88 5-	540 2 519 740	5P	7A 7A 5P MID 6P	CORPS OF ENGINEERS C R LOVELL CLEATUS 8 SRINKLE W 8 CARSON S8		3 3 3 3 3	4	5	TOMPRINSVILLE TOMPRINSVILLE TEL DFF TURKET CREEK 3C800L TYRONE LOCK 5 UNIONTOWN DAM 49	806 814 817 818	MONROE IS MONROS I4 TRIGG I9 ANDERSON I7 UNION	1	36 42 38 42 36 45 4 38 02 7 37 46	87 5	5 35 1 52 7 35	9 0 4	7/	DAMES T PRILPOTT MRS ALICE H HALE TVA CORPS OF ENGINEESS CORPS OF ENGINEESS		3 3	
HAZARO READQUANTERS REIDELBERG LOCE 14 HENDERSON 4 SW ERENDON	372 374 378	9 PERRY 2 NICSOLAS 1 LEE 2 HENDHRSON 8 CHRISTIAN	5 4 7	37 15 38 24 37 33 37 47 36 44	87 3	7 860 6 663 7 382	6P 4P 8P	7A 8P 8A 8P MID	B A SAILEY BES G L JENNINGS CORPS OF ENGINEER FRANK STREET C N KEATTS	2 2 2 2	3	4	5 5 5	VALLEY VIEW LOCK 9 VANCEBURG DAM 32 FATNESSURG 8 E WEST LIBERTY WATER WES WILLIAMSSURG	821 841 853 871	MHITLEY 90	-	4 37 51 7 38 38 2 37 22 3 87 53 2 38 44	84 3 83 1 84 1	1 52 4 121 5 93	5 8	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	CHARLES B WEST	2 2 2	3 3 3 3	5
SICESVILLE HIGR SRIDGE LOCK 7 RINDMAN SETTLEMENT SCS SCHENVILLE NAT PARK SOPKINSVILLE 2 E	383 384 392	GRAVES FOR JESSAMINE FOR ENOTT FOR LARGE FOR CHRISTIAN	1	38 48 37 49 37 20 37 32 38 32	84 4 82 5 83 4	9 1080	8A 7P	MID	TTA CORPS OF EMGINEER ELIZABETH WATTS C C SELF W E MORRIS	2	3 3 3 3	4	3 5	WILLIAMSTOWN WILLOW LOCK 13 WOLF CREKE DAM WOODBURY LOCK 4	86	14 GRANT 24 LEE 07 ROSSELL 24 SUTLER		3 38 38 4 37 38 2 88 53 3 37 11	83 0	0 84	18 10 MI	7. D 8	MISS N S SIMPSON CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS	2	3	4 5
BYDEN IRVINGTON JACKSON JENEINS WATER WORKS JEREMIAR	418 419 424	S LESLIR S SRECEENRIDG S SSEATHIVT LETCHER S LETCHER	1	37 10 37 33 37 33 37 10 37 10	83 2	7 848 3 778 8 1800	79	89 79 7A 7A	MRS FOREST CAMPBE FLOYD G ROBBINS ROSERT EOSERTSON RESTUCKY WATER CO MRS SOJAN F ISOR	2	3 3 3 3 3	4	5	PADRCAR CAA	81	10 MC CRACKER		7 37 03	88 4		DE 2	ED H.E	D CTT	2	3	4 5
REENE 2 N ENTUCAY DAM LANCASTER ICE PLANT LAURA LEITCHFIELD	441 483 484	99 JESSAMINE 14 LIVINGSTON 10 GARRARD 12 MARTIN 03 GRAYBON	1	37 58 37 01 37 37 37 45 37 29	88 1 84 3 82 2	8 352 5 1032	85	7A 7A 8A 8A 8A	JAMES A FIELD	2	2 3 3 3 3	4	3	2 DRAINAGE CO	DK: 1	Big Sendy; 2 Dhio; 8 Smit	Cua ; R	 berien Tennee	- d; 3 G:	reen;	4 Eo	atuck	y; 3 Licking; 5 Mies	1001	ppi;	
LEXINGTON WE AIRPORT LIBERTY LITTLE SICENAN LOCK S LOCKFORT LOCK 2 LOGLICK I S	47: 48:	AS FAVETTE 33 CASET 25 JESSAMINE 57 HEMBY 52 CLARE		38 02 37 21 37 45 38 28 4 37 53	84 5 84 3	5 350 B 483	MIL	7/ 7/ 8/ MIE	PALLIA L BANKLA CORPS OF ENGINEER CORPS OF ENGINEER	3	3 3 3 3	4	3													

See reference notes following Table 3.

070 CE FOR 10-40-45 PER

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THE LIBRARY OF THE U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

AUG 2 3 1950

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WEATHER BUREAU F. W. REICHELDERFER, Chief

UNIVERSITY OF ILLINOIS

AUG 2 5 1950

# CLIMATOLOGICAL DATA

KENTUCKY

OCTOBER 1949
Volume XLIV No. 10



#### KENTUCKY - OCTOBER 1949

O. K. Anderson, Section Director - Louisville

#### GENERAL SUMMARY

The below normal average of September was reversed during this month making it one of the warmest on record for October. There have been only six Octobers in which average temperatures for the state have been higher in the period that records have been kept. Each division of the state reported plus departures from the monthly mean. Daily mean temperatures were above normal throughout the period except for the intervals of the 24th through the 27th and also on the last day of the month. Decidedly warm days occurred on the 6th through the 11th and the 17th through the 21st. Light to heavy frost was reported on the 27th and was locally killing in the eastern section.

The average precipitation was also above the normal for the state as a whole. This month was one of the wettest Octobers on record being surpassed but five times since 1889, and was the wettest since 1926. Fairly heavy rains fell in most sections except the north central and northeast areas on the 4th, 5th, and 31st. Precipitation was unevenly distributed, consisting of showers, and the amounts reported depended upon the intensity of these showers. Generally the western part of the state received the largest falls where amounts in excess of eight and one half inches were recorded. The lightest rainfall was in the north central and northeastern counties where amounts as low as one and one quarter inches were reported. The great variation in moisture condition was reflected in both crop growth and general farm work.

October weather was generally favorable for the maturing and harvesting of farm crops with farm work progressing normally. However, too much rain hindered some of this work in the western counties. The principal activities during the month were harvesting of corn, plowing, fall seeding, tobacco stripping, and combining soybeans. The condition of tobacco in barns was good throughout the month. By the end of October, stripping had progressed rapidly under favorable weather conditions and was far advanced, especially in the chief burley areas. Very little marketing had taken place. It appeared that the crop would not weigh out as heavily as expected earlier. The harvesting of corn was well advanced. However, too much rain hindered corn picking in western counties. Frosts occurring near the end of the month hastened the drying of the crop. Some yields were turning out rather disappointing. Soybean harvest was also hindered by the excess precipitation in the western part of the state. However, combining was in full swing and a record crop was in the making. Pastures improved at the beginning of the period and remained very good throughout the month with good growth shown. There was quite a bit of hay cutting especially in lespedeza and alfalfa with record yields indicated for some types of hay. The bulk of fall grain was seeded with good stands reported. However, excessive moisture delayed this farm work in the west while in the northeast and north central counties, lack of rain also hindered that operation. Late potatoes were turning out average yields. Farm activities were near the seasonal average at the close of the month. Scattered frost near the close of the period was locally killing in the east but little damage was indicated.

W.S.

#### TEMPERATURE

The mean temperature for the state was 61.8°, which is 3.3° above normal for the month. The monthly mean temperatures ranged from 63.6° at Beaver Dam to 59.4° at Farmers. The highest temperature recorded in the state was 89° at Greenville on the 7th and at Ashland, on the 9th, 10th, and 12th, and the lowest 25° at Paducah No 5 Fire Station on the 31st.

#### PRECIPITATION

The average precipitation for the state was 4.53 inches, which is 1.87 inches above normal for October. The total amounts recorded at various stations ranged from 8.94 inches at Clinton to 1.25 inches at Headquarters. The heaviest rainfall reported in any one day was 2.82 inches at Hartford on the 4th.

#### ACKNOWLEDGMENTS

ACKNOW In addition to the climatological data from some 6,000 Reather Bureau and cooperative weather stations, this bulletin series contains records the Bydrologic Bulletin Series. The Hydrolizatic Network is a nationwide net of rain gages — mostly of the recording type which produce continuous records of precipitation. It was established in 1893 at the request of the Corps of Engineers, Department of the Army existing precipitation stations. The Planning of Indo control and relation the Corps of Engineers of the Corps of Engineers and the Army of the Army of the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gage, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau thy the Corps of Engineers. These transferred annually aged about 3250,000 per year to the Corps of Engineers. These transferred about \$100,000 per year to grovide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to need the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data frem Hydroclimatic Network Stations were presented in bulletins (Gydrolegic Bulletins) which were issued anothly for each state of the control of the con

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

# SUPPLEMENTAL DATA

						SUP	PLEM	1ENT	'AL	DAT	ľA								octo	BKR 1949
	Wind	direction		Wind	speed p h		Relat		idity eve	rages		Numh	or of d	aye with	precip	itation			3	
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile					Trace	0109	10-49	86-08	1.00-1.99	2.00 and over	otal	Percent of cosable unshine	ky cover unnee to sur	Stree days
XINGTON AIRPORT UISVILLE AIRPORT	SSE	19 11	8.1 5.9	28	5	8	82 81	88 87	82 56	73 85	7 8	8 2	3 8	1 0	0	0	1.85	M4 DL 89	8.1 6.3	171 152

## COMPARATIVE DATA

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	-	Temperat	ne in	F	recipitat	ion		7	emperati	ire	F	recipitati	On		Т	'emperatu	rie	1	Precipitati	ion
Year	Average	Highest	Lowest	Average	Average	No. of days	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Āverage	Highest	Lowest	Average	Average	No. of days
1889 1890 1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1909 1910	52.0 55.7 54.6 57.3 56.4 52.2 55.8 63.2 57.1 61.3 54.5 58.1 57.7 57.2 57.0 56.9 55.5 57.1 55.9 55.9	89 87 92 97 90 92 89 90 96 93 94 93 91 96 93 91 96 93 94 94 96 96 97 97 98 99 99 99 99 99 99 99 99 99 99 99 99	23 23 21 19 19 25 14 25 26 29 25 25 25 20 20 20 20	2.33 2.94 0.78 0.51 4.00 1.36 1.24 1.71 1.10 4.19 2.42 2.29 1.57 2.34 2.22 0.52 4.95 1.51 2.97 0.71		5 4 5 5 4 10 5 5 4 5 5 5 2 9 7 7 6 3 6 6 6 6 10	1912 1913 1914 1915 1916 1917 1917 1919 1920 1921 1923 1924 1925 1926 1927 1929 1930 1931 1932 1930 1931	59.5 56.9 59.7 60.6 57.6 51.1 62.3 65.6 61.0 57.1 60.2 56.5 61.1 52.9 60.7 61.6 59.3 60.7 65.8 62.0 56.4 56.4 56.4 56.5 62.0	92 97 91 90 97 90 91 98 93 90 91 88 94 92 95 88 93 93	25 23 22 27 24 20 32 35 24 24 24 25 19 25 12 25 12 25 27 21 22 28 22 28 22 27 24 24 24 24 24 25 26 26 27 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	1.42 3.55 5.10 3.40 2.59 3.18 3.81 7.99 1.64 2.31 2.28 1.68 2.31 2.28 1.63 3.65 1.33 3.65 1.33 3.65 1.33 3.31 2.05	0.0 T 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	4 9 9 6 6 7 10 115 4 6 6 5 1 11 11 11 11 11 11 11 11 11 11 11 11	1935 1938 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 PERIOD	59.5 58.5 55.7 60.1 60.4 64.0 58.7 56.7 57.5 56.7 59.6 64.3 54.7 61.8	91 88 93 95 95 93 98 88 89 90 91 92 85 89 98	22 24 17 24 23 25 27 18 21 23 27 27 27 18 25 13	2.51 3.47 4.27 0.48 2.09 0.74 4.25 2.81 1.67 1.31 2.04 2.38 2.20 2.45 4.53	0.0 0.0 T 0.0 0.0 0.0 7 T 0.0 0.0 0.0 0.0 0.0 0.0	8 9 12 2 8 4 11 8 7 5 5 6 6 6 12

Table 6

# EVAPORATION AND WIND

										_		_		_				_															
Station			_	,			_										Day o	of mo	nth											-			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	otal
URGIN DIX DAM	EVAP				.22	*	٠				. 03	.13	.15	.06					.06			_	-	-	_	-	-	-					Η .
OLF CREEK DAM	EVAP WIND	.12	.14	.15	.10	.02	.19	.01																							0		1.98
	WIND	15	13	18	28	3	38	38	6	3	3	39	42	23	10	12	.07	.02	.07	.11	. 09	.11	.07	.06 17	.08	.05	.02	.07	.09	.02 10	.04	6	2.58B 440
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					CI	LIMP	OTA	LOG	ICAI	DAT	A					oc	TOSER	1949
Table 2												Pre	cipitation					
-			18	smpsratur	18		No. of d	lave					Snow,	Sleet, Hai		No.	of days	
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
WESTERN DIVISION								- 1								12	8	2
SEAVER DAM FORDS FERRY DAM 5 GREENVILLE 2 W HENDERSON 4 SW HOPKINSVILLE 2 E	63.6 61.1 63.4% 61.9 62.0	4.4 4.1 1.5 1.5	88 86 89 86 84	2 7 7 9	34 29 35 33 35	26 31 27 1 + 26	0 0 0 0	0 1 0 0	7.14 5.07 6.19 6.44 5.77	4.38 2.47 2.86 3.58 2.93	2.66 1.27 2.20 1.55 1.29	4 6 4 5	.0	0 0 0 0		12 12 11 11 9	7 8 7 6 7	1 1 2 3
LOVELACEVILLE MADISONVILLE 1 SE MAYFIELD 2 S MURRAY OWENSBORO	63.0 61.6 61.8 63.5 62.2	2.3 0.7 3.0 3.4	85 85 86 86 86	7 8 7 7	33 33 32 36 34	27 27 27 1 + 27	0 0 0 0	0 0 1 0	8.11 6.66 7.71 8.64 7.18	4.58 4.73 5.64 4.04	1.90 1.80 2.75 1.98	5 4 4 4	.0	0 0 0		9 13 14 9	6 9 9 7	3 4 3 3
PADUCAB CAA PADUCAH NO 5 FIRE STA PRINCETON	61.9 61.3M 61.8	0.4	86 87 85	9 9 7	30 25 33	31 31 27	0 0	I 1 0	6.91 3.70 8.25 6.75	.80 5.46	2.77 1.15 1.93	5 8 12	.T .0 .0	0		8 10	7	5
DIVISION	62.2	2.4							0,75	0								
CENTRAL DIVISION  ANCHORAGE BOWLING GREEN WB AP BURGIN DIX DAW CAMPBELSYILLE COVINGTON W B AIRPORT	61.4 62.1 62.6 61.1 60.2	4.7 1.8 3.2	87 86 87 88 85	8 8 7 21 8	32 35 36 34 34	26 26 27 26 + 27 +	0 0 0 0 0	1 0 0 0	3.40 4.26 1.98 3.84 2.55	.70 1.52 61	1,30 1,09 .73 1,10 .82	4 14 31 14 4	.0 .0	0 0		12 14 10 9 10	3 6 2 6 5	1 2 0 1 0
DANVILLE PRANKPORT LOCK 4 IRVINGTON LEITCHFIELD LEXINGTON WE AIRPORT	62.0 61.3 62.6 62.1 61.4	4.2 3.7 3.8 3.6 4.0	87 86 85 83 85	8 8 7 7 9	36 33 35 37 35	27 27 + 26 + 26 + 31	0 0 0 0	0 0 0 0	2.42 3.05 5.60 3.62 1.85	.06 .56 2.81 .46 74	1.10 1.18 1.66 .98 .80	31 5 4 5 4	.0	0 0 0 0		12 12 13 11 12	3 6 6 2	1 2 0 0
LOUISVILLE STAN W B AP LOUISVILLE WB CITY MAMMOTH CAVE PARK ST JOHN BETHLEHEM ACAD SCIENCE HILL	62.2 62.6 62.3 60.5 62.7	4.7 3.3 5.1 2.7 5.4	86 84 86 84 86	8 7 9 8 7	36 36 33 34 35	27 31 26 26 23	0 0 0 0	0 0 0 0	3.33 3.49 6.12 5.14 6.61	.84 3.52 2.22 3.92	1.69 1.11 1.25 1.74	4 5 5 14	.0	0 0		9 14 11 15	5 8 8 6	1 1 2
SCOTTSVILLE SHELBYVILLE 2 W WILLIAMSTOWN WOLF CREEK DAM	63.5 60.8 59.8 63.1	3.4	88 88 85 87	8 9 9 2	34 32 32 37	26 1 + 27 + 1	0 0 0	0 3 2 0	5.57 3.90 2.35 6.68 3.99	1.18	1.07 1.44 1.97	5 5 31	.0	0		13 12 14	5 1 6	1 1 2
DIVISION	61.8	3.7							1									
EASTERN DIVISION	61.0	3.8	89	9	33	27 +	0	0	3.44	. 96	1.60	31 31	.0	0		12 17	4 8	2
ASHLAND DAM 29 BENHAM BEREA COLLEGE CORBIN CAA FARMERS	61.9 62.5 61.5 61.1 59.4	3.8 2.9 2.8	86 87 86 85	10 8 8 10	37 36 33 27	24 23 + 23 27	0 0 0	0 0 0 3	6,35 4,23 4,66 2,45	1.47	1.10 I.47 1.69	31 30 31 30	.0	0		12 12 14	5 5 1 2	2 1 1
HEADQUARTERS HEIDELBERG LOCK 14 BINDMAN SETTLEMENT SCH MAYSVILLE DAM 33 MIDDLESBORO	61.3M 62.2M 60.0 60.0 63.3	4.6 2.5 5.9	87 87 87 88 84	8 10 9 9	35 33 32 30 38	23 27 23 + 27 27	0	0 0 2 1 0	1.25 3.38 4.81 1.70 4.52	82	1.49 1.10 .53 .93	31 31 17 30	.0	0 0		12 15 10 10	3 7 3 8	1 2 0 0
MOUNT STERLING RICHMOND TEACHERS COL WILLIAMSBURG	62.9 61.6 62.3	6.4 2.2 3.0	88 87 83	9 9 9	37 35 37	27 27 27	0 0	0 0	2.85 4.14 4.22 3.69	1.44	1.27 1.75 1.27	31 31	.6	0		12 12	5	1

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned no a state basis. There will be no duplication of numbers with in a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

3 8

61.5

61.8

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in F\*, Precipitation and evaporation in inches, and wind movement in miles Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, deepoint values below 32°F, and relative humidity values at temperatures below 32°F, are expressed with respect to values before and after January 1, 1949, cannot accurately be combined without necessar conversion.

Amounts in Table 4 are from recording gages. Traces are not shown. When bourly precipitation is missing or accumulated for several days, only the first and laid days are shown.

Data in Table 3, 5 and 6 are for the 24 bours ending at time of observation. See the Station Index for observation time.

DIVISION

- No record.

  And also on later dates.

  Cage is equipped with a windshield.

  Precipitation measured at 6-hourly intervals, no recording gage.

  Adjusted to a full month of superval of the date of the dat
- R Station equipped with recording gage only.
  S Storage precipitation station. Precipitation seasurements, made at irregular intervals, will be published in the June issue of this publication.
  The publication of the published by the published of the publication

4.53 1.87

Subscription Price: IS cents per copy, Monthly and Annual; \$1.50 per year. (Yearly subscription includes the Annual Summary). Checks, postal notes and money order annual be made payable to the Treaturer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Weather Records Processing Center, 1300 U. S. Court House, Chicago 4, Illinois.

Table 3								T	ת	ا بيا ا	1 1	111	<u>.</u> .	IFI	IA	111		4											0	CTOBE	1040
Station	-														ol m																3
-	1	2 3		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	T <sub>o</sub>
ADDISON DAM 45 ALLEN ANCHORAGE ASNICAMP ASNICAMP ASNICAMP				14 3.0							.06	T .10	01 35 40 .32	40 .97 .08	, 06	35 .04 .07	40			18	07	.02	Т	20	63 70 .05	70		17	07 26 10	1.35 19 .90	4 59 4 24 3 40 4 68 3 44
BARDSTOWN BARTER HARLAR WIR WAS R DRAVER DAM BENNIAM RENTON				13 1.6	25	. 16	.07	1.03	11		.34	34	.55 17 10	.31	50	.04	, 26.	.01	25	32	.27 05 04 ,06	.04	.05	.63	1.02	.06	, 45	60	1 20 28 06 23	86 .09 11 1.64	3 94 4 22 7 14 6 36
GEREA COLLEGE BEREA WATER WORES BOSTON 2 SW BOWLING OREEN BOWLING OREEN SUBSTA			0 1 0	2 T .00 9 .90 5 1.3 6 I.3	8 .25	38 .02 T		.05	.OR		11	.13	1.07 .34 .25 .31	.70 .23 .67	. 01	.07	.09	.01		T	.04 .07 23 49	.03	.03	01 .05	.02	.02	63	.63 07 05	R5	1.10 2.16 .68 65	4 23 4 86 2.99 4.36 3.79
NOWLING OREEN WS AP Z SRENT DAM 36 SROWNSVILLE LOCK 6 SUNGIR DIX DAM BURNSIDS		Т	1.0 .3 .0	R .78	9 .45	29 .67	.25	T .04 .22 .15	1.27		.04 Ť	.04 .31 .10 .13	1.09 1.36 T	.02 .3R .10	.09	.26 .01 .08	16			39	.07 .27 32 .12	Т	, 09 T	.05 .02 .03 20	T .21		.03	14	.67	7 33 62 73 1 52	4 26 2.42 6.05 1.98 5.95
CAGIZ LOCK E CAMPSELSVILLE CARNOLLTON LOCK I CENTRAL CITY WIR WAS R CLINTOR R	1		10 .9 19 .2 15 1.7		.15	.03	1,13	. 12		.47	.75	.06	.08	.45		.31	.05		.11	.32	1.34	.04	.41	.36	.41		30	1,170	.40 27	.48 .82 .30	7.36 3.64 2.28 8.94
COLLEGE HILL LOCK 11 COLUMBIA LW COLLEGS CORBIN CAA COBBIR WATER WORKS COVINGTON W B AIRPORT			63 8:	.05 T		.31 .49	.36 T	.65	. 74		T	. 15 . 12 . 06	.20 .30 .38	.10	.49 .07 .07	.85 .28 .17 T	.32		T	т	. 28 .04 T	. 08	.14	.03 .15 .60 .52	.35		. 10 90 T	.03 .45	1.47	2.47	4.14 4.29 4.88 4.77 2.56
CYNTHIAMA DANVILLE DAVELLA ROELPHIA DEMA			T	.90	T .02	.03			. 18			.08	.06	T .20		.05	.40	.18			T .14 .04	.03	.03	.03 .57 .10	50		T . 53	.12	. 76	.43 1.10 .25	1.85
DUNDEE BARRETTS FRD HR R DUNNOR EDOYVILLE LOCK F EDWONTON R SLIZASETHTOWN			05 1.8: 04 .7: 16 1.10		.89 1.12 1.21	. 70	.08 T	T .14 1 .23 .60 1		.25	48 .15 .89	.05	.15	.04	.07	.01				.21	.30 .09 .52 .22		T .02	.12 T							5.71 5.96 5.78 5.80 3.77
FALMOUTH FARMERS FLEWINGSHURG FLEWINGSHURG POST OFF R FORD LOCK 10		.0	.06	1.16 .03 .27 .03	.01	.07 .04 T	.19 .12 T	.04			. 13	.29 .08 .15 .02 .03	. 02	.06 .01	.02	.05 .22 .31 .12	. 82 . 04 T	T		.04	.10 .02 .06 .02	.01	Т	т	.02	.07	T .07	.11	T 40 1 44	.57 1.68 .37 .03	3.26 2.45 1.48 1.35 2.94
FORD5 FERRY DAM 50 Z FRANKFORT LOCK 4 FRANKLIN WATER WORKS Z GEORGSTOWN WATER WORKS GEST LOCK 3 Z		.3	١.	1.18 .63 1.16 1.27		.08		.49	.30		.88 T	.01	1.01	. 05		.17	.08		. 03	. 58	. 17 . 09 . 46	т	.03	T .41.	т		т	.07	-	.08 76 .75	5.07 3.05 4.67 2.63 3.24
GLASGOW GRAYSON GREENSBURG HIWAT 61 HR GREENUP DAM 30 GREENVILLE 2 W		.5	.22 T	.01	.61 .12 .57 .07	. 02 . 05 T	т	.11	.10		.49	.27 .33 .08 .06	1.09 .10 .36 .04	.47 .21 .34 .01		. 05	T .18			.03	. 34 . 25 T	.04		.18 T .07	. 10			.05 .12 .05	.35	. 51 2 . 03 . 57 . 83	5.13 3.45 3.17 1.87 6.19
HALEVS MILL R HARTFORD 6 R HAZARD Z HEADQUARTERS HEIOELBERG LOCK 14 Z		. 3	2 1.60 1 2.82 33	. 18	.55	T . 04		.62	. 15		.49 .30 .17	. 50	.11	. 55	т	.35 T	T . 12		. 02 T	.51	.11	т	. 06	.05	.65		T 95	.35	.21 .20 .06 1		5.06 6.14 3.86 1.25 3.38
HENDERSON 4 SW HERNDON R HICKSVILLE HIGH HRIDGE LOCK 7 HINDMAN SETTLEMENT SCH	١.	05 .2	0 1.55 7 1.18 9 .86 T	.85 .57 1.01 .39	1.23 .54 1.85 .03	.18	.12	.07 .93 .50	54		.92 .29 .91	.13	. 04 T	.11		.08	.27		.33	.44 1.01	.08	.03	.02	. 26 T	60		.02	.07	.05	.03	6.44 5.00 6.56 2.76 4.81
HODGENVILLE NAT PARK R HOPKINSVILLE 2 E HYDEN 1RVINGTON JACKSON			9 1.17 0 .94 7 1.66	.03 1.29	.26 1.01 .48 .14		1.	.17 .29 .15			.14	. 04	.03	. 06	1,60	.02				.25	.03		° 1	.18	.00		. 89		.80 * 1	.58	3.56 5.77 6.28 5.60
JENEINS R JENEIRS WATER WORKS R JEREMIAH KEENE 2 K KENTUCKY DAM Z	1	т.2	T .79	.18 1.00 1.33	.05	.71		. 07		1	. 59	.03 .25 .34 .25	.75 .31 .08 T	.28 .54 .08	.06 .18 T	.45 .23 .35 .20	. 29			.20	.05	.19	.05 .25 T	.88 .30 T	.25 .36 T	1	1.07 .51	.15	. 95	. 17: 5	5.99 - 1.23 2.87 5.22
LANCASTER ICE PLANT LAURA LEITCHFIELD LEXINGTON WB AIRPORT Z L18ERTY Z		т	42	.13 .88 .03 .07	.09 .55 .08	.31	.05	.29	08		. 18	. 08	. 56 . 35 . 03	.48 .42 .05 T	. 13	.68 .77 T T	.04		T	.08	.27 .06 .12	T .06	т	. 17 . 01 T	.60		.12	.15	.02 1		3.68 1.32 3.62 1.85 1.97
LITTLE HICKMAR LOCK 8 Z LOCKPORT LOCE 2 LOGLICK 1 S R// LONDON POST OFFICE R LOUISA LOCK 3 Z			. 22	.08 1.43	.10	.24	.10	.06 . 35	10		.05	.26 .17 1	.08 .60 .07 .30	.22	.24	.05 .20 .19 .07	. 02 T		. 01	. 03	. 18	. 10 . 22		. 03	. 12	1	.33	.12	. 74	.00 2 .62 3 .03 3	1.97 1.49 1.55 1.18
LOUISVILLE BOWMAN FLD H LOUISVILLE STAN W H AP Z LOUISVILLE UPPER GAGE LOUISVILLE WB CITY R LOVELACEVILLE	1	.25 T .26	1.60 1.83 .51 1.69	.26 .28 1.56 .35 1.67	.17 .21 .29 .36 1,48	.22 T	T		03		.08 .08 .05 .14 .66	. 09	T		. 13 . 12 . 13	.02			T	.19 .19 T .20	.05 .04 .30 .01		T T	F					.35	.03 3 T 3 .30 3	.11 .33 .49 .49
LOCAS R MADISONVILLE I SE MAMMOTE CAVE PARK MANCHESTER MAYFIELD SUBSTA		. 13		1.52				74 09 05	95		10	.48	. 26	. 01 . 66 . 87	.27	.20				.17	02 97 41		.22	.03 .07 .30	.09		. 22 T	.07	1		.66 .12 .23
MAYFIELD 2 S MAY5VILLE DAM 33 Z MC KINNEYSBURG R// MIDOLESBORO RR 5TA R	.3	.02	T	1.00	1.08 .01 .67 .57	. 10 т	69			1.	22	. 13 . 28 . 05	.22	г	.25	.53 .	.01		. 05	.09		02		.03	. 19		15 63 62	.08	.15	.10 7 .38 1	.71 .70 .52
MIOWAY 2 S MILLERSBURG R// WILLERSTOWN MONTICELLO MOREHEAD STA TEACH COL R				1.00	.30 .46 .90	.05	40 1.	10	1	20	08	.03	. 22		.07		90			.04	15 03 31			.02	. 07		.07	.04		55 2	.48 .29 .35 .20
MOUNT STERLING MURRAV OLIVE HILL R OUNCY ONEONTA DAM 35	.1	0 .40	T 2.75	.02 1.22 * .62	.13 .73 .01 4.05		16 81 T				19 00 04 95		23 05 18		.25	.09				40	06 14 08			05 06			49	1.	27	26 8 03 2	.85 .64 .74
OWENSBORO DAM 46 Z PADUCAH CAA PADUCAH NO 5 FIRE STA PADOCAH SCS NURSERY R	.4	.35 .31 1 .66 .96 1 1.36	1.81	1.55 2.20 2.77 .20 2.33	.98 1.20 .03	1.3	- 6	04		41	30	05					т	1		63 1. 45 1. 19 .	19 10 04	06 .	03 03 T 02 02	-						16 7. 12 7. 6.	

## DAILY PRECIPITATION

KENTUCKY OCTOBER 1948

															Day	of m	onth															Total
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	I5	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	್ಟಿ
PAINTSVILLE PIMEVILLE PLEASUREVILLE 2 S PRINCETON RAVENNA LOCK 12			1.03	1.20	T 1.75	T T .80 .25	.06	T . 08	.08	.80		1.93	.41	.03	.47		.88	.32		.02	1,10	-	03		T .11	.51		T T	.78	.05	1.58 .40 .57	3.72 4.28 - 8.25 3.85
RICHMOND TEACHERS COL RUMSET LOCK 2 Z RUSSELLVILLE ROSSELLVILLE SUBSTA SADIEVILLE WATER WORKS R			. 32	1.48	.02 2.10 .56 1.46	1.10 .54 .26	.32 .02 T			.02	т	.36	.25	.45 .30 .80		T .18	.18				.15	.05 .72 .60 .03		т	T .08 .26			.07		. 63	.93	4.14 6.46 4.25 5.25 2.60
ST JOHN BETHLEHEM ACAO ST MARY SALVISA LOCE 8 SALVERSVILL8 R// SCIENCE HILL				1.08	1.25 .06 1.08	.08		.41	т	. 58		. 30 . 06 . 30 . 52		.18 .25 .01 1.37 1.74	.11 .02 .15	.09	.70 .10 .32 .22				.20	.25 .03 .14 .05		.04				.60		.4I 1.18 .85	.58 .03 .41 .14 .14	5.14 2.93 2.45 4.70 6.61
SCOTTSVILLE SERREE WATER WORKS SEELBYVILLE 2 W SHEPHERDSVILLE SMITEFIBLD 4 S R				.27	.18 .90 1.07 1.22	1.06 .15 .52	.29	.11	.67	1.04		.08 .28 .01	.47		.12 .03 .04	.11	.48			T .02	.18 1.54	.08 .03 .15 .08	т	.28	. 08			. 03	.02	. 32	.50 .09 .65 .50	
SOMERSST HIWAY OEPT R SPRINGFIELD STEARNS R SUMMER SHAOS SUBSTA TATHAM SPRINGS R				1.08	1.07	.90	.01	.09	.15	1.60		.32 .02 T	.02	1.43 .03 1.07		.02	.14 .32 .62 .20 .17				.11	.02	.03	. 22				.74 .66 .02	.01	. 95	1.10	8.87
TATLORSVILLE TOMPEINSVILLE TOMPKINSVILLE TEL OFF TURKEY CREEE SCHOOL TYRONE LOCK 5			.23			.97	.94	.04	.17 .56 .35 .23	. 30		.08		.40	.12		.06 .60 .70				.15	. 14 . 02 . 28 . 43 . 14		.20	. 03			.30	.05	1.94	.73 .04 2.20 .52 .57	6,22
UNIONTOWN OAM 49 Z VALLEY VIEW LOCE 9 VANCSBURG OAM 32 WAYNESBURG 6 B WEST LIBERTY WATER WKS			. 35	. 38 T	.78 .03 .09	.07	.01		.08	.03		. 58	.03			. 23	.38	T		т	.71 T	.62	,02		T .05	. 04		.14	.09		.07 .93 .45 1.76 1.71	1.66 1.48 4.37
WILLIAMSBURG WILLIAMSTOWN WILLOW LOCE 13 WOLF CREES OAM Z WOODBURY LOCK 4 Z					T 1.44 T .04	т			.08			.30	.18	1.31	.10		.07 .74 .51		.02	2		.05 .12	.06	.15	. 78 .08 .22 .03	3 .06		.64	. 02		1.27	4.22 2.35 2.59 6.68 4.44

OK TODER 1949

Table 4							110	OIL		1 11	101	1 11	.AI	101	4											
Station						A 1	м Но	ır endi	ng									P	M Hou	r endi	ng					-,
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	В	9	10	n	12	Tota
-													-2	٦							-					
BENTON 1 SW													-4	a-									_		-	
BENTON 1 SW CLINTON FORDS FERRY DAM 50 HERNDON															.02				.11	.20	.09	.01	.01		.01	45 .12 .05
	6															.04	.03		.30	.15	.02	.01		. 03	.05	. 31
PADUCAI SCS NURSKRY UNIONTOWN DAW 49																.04	.00		.03	. 15	.02	.01	. 01	.04		.05
													-3													
A00ISON DAM 45 CARROLITON LOCK 1 CENTRAL CITY 1 E			_			. 03	_		. 01	. 07	.07	.13	.20	.01	.01	.09	. 19	. 15	.05	-		.02		_		1.01
COLINTON & B AIRDORT	6		.01			. 03	.04	.09	.01	.02		.01	.01	.01	. 15	.02	.03	.10	. 23	:14	.11	.07	.07	.09	.08	I.15
OUNDEE BARRETTS FORO BR FOROS FERRY OAM 50 GEST LOCK 3		. 07		. 02			.01	.01	.01	.01	.04	.02	.02	. 13	.02	.05	.02		. 02	. 03	.02					. 58
BALEYS MILL		. 09	. 03					. 01	.02	.08		.04	.01	.02	. 06	.06	.01	.02								.15
BODGENVILLE NAT PARK LOUISVILLE BOWMAN FLD												.03	. 06	. 07	.02	.05	.02	.01	. 01	.01	. 01	. 01			.01	.09
LOUISVILLE STAN W B AP LOUISVILLE WB CITY MAOISONVILLE 1 SE		-	_	- 1		_	_		_	_	_	.04	.05	. 11	.01	.01	_	-	-	.01	. 02	-	_	_	_	.25
MC KINNEYSBURG OWENSBORO DAM 46 DADUCAR CAA	6	-	-	-	-	-	- 17	-	-	- 1	-	-	- 41	-	-	.01	.01	-	- 04	-	-	-	-	-	. 05	. 02
PADUCAH CAA PADUCAH SCS NURSERY RUMSEY LOCK 2		.01	. 06		.06	.01	. 11	.08	.58	. 36	.03	.28	. 23	.02	1.4	.01	.09	.03	.03						.05	1.36
SAOIEVILLE WATER WORKS SMITHFIELD 4 S UNIONTOWN OAM 49			. 08	. 02	.03	. 05	. 07	. 07	. 05	. 07	.01	. 01	.07	.08	.03	.01	. 03		.01							1,34 .04 .27
WOOOBURY LOCK 4			.08	. 02	.03	.05	.07	.07	.05	.07	. 02			, 06	.03				.03						. 02	. 12
ADOISON OAM 45			. 01	.03	. 01	. 03	. 10	.07	. 13	. 37	. 12	. 27	-41	th-	. 22	.04	. 03		01			. 02	. 07	.01	0.0	0.10
ADOLPHUS 1 N BOWLING GREEN WB AP			, 01	.03	.01	. 02	.01	0.8	.03	.01	. 02	.02	.01	.01	.01	.02	.05	.09	.06	.01			.07	.01	. 02	2.10 .35 1.03
CARROLLTON LOCK 1 CLINTON COVINGTON W B AIRPORT	6	.03	. 04	.01	.01	.03	.04	.04	.03	. 13	.15	.08	.07	.06	.07	.08	.03	.01	.0	.04	.0 .02 .27	.02				1.78
OUNDEE BARRETTS FORO BR	0	, 02	. 01	.02	.06	.39	. 32	. 33	, 22	.06	.06	.12	. 19	.19	.09	.10	.17	.02	.01					.04	.02	2.44
FLEMINGSBURG POST OFF FORDS FERRY OAM 50 FRANKLIN WATER WORKS			.01	.02	. 02	.05	. 07	.01	. 09	. 04	.01	.01	.03	.04	. 06	. 04	. 04	.02	. 02	.01	.02	. 01			!	.14
GEST LOCK 3 HALEYS MILL		.01	.10	. 02	.03	. 12	. 07	. 02	.10	.26	.11	. 17	.13	.13	.08	.12	. 03	. 05	. 03	, 01	. 02		•	.01	. 02	1.15
HERNDON BODGENVILLE NAT PARK LEXINGTON WB AIRPORT		. 03	. 02	.01	. 07	. 17	.13	.05	.05	.18	.07	.05	.04	.04	.10	.09	.03	.01	.04	. 02	03	.01	. 01			1.18
LIBERTY LOUISVILLE BOWMAN FLD		.01				. 11	. 05	.02	.21	. 16	23	. 22	, 11	. 15	05	.01	.01	.05	. 01	.04	. 01	. 01	. 07	. 05	. 09	1.60
LOUISVILLE STAN WB AP LOUISVILLE WB CITY LUCAS					. 02	. 16	. 07	.05	.21	.25	.43	.11	.13	.14	.03	.02	. 02	.02	.01	.02	.01	.01	.10	.05	.06	1.83
MADISONVILLE 1 SE MAYSVILLE OAM 33		.01	.04	. 06	.08	.10	. 17	.11	.24	. 32	.25	. 26	.13	.05	.05	.05	.05	.05	.03	.01	.03	. 01		. 02		2.09
MC KINNEYSBURG MILLERSBURG MOREHEAD STA TEACH COL		-	-	-	-	-	-	. 04	- 01	.01	-	. 09	. 12	.16	- 11	.09	.07	. 12	.12	-	.01	. 01	.04	.01	.01	.97
MUNFOROVILLE PADUCAH CAA PADUCAH SCS NURSERY	6	-	*	. 05	* 03	* 03	. 12	. 04	. 04				. 16	-				- 0.4	. 48		*	-			.02	-
RUMSEY LOCK 2 SAGIEVILLE WATER WORKS		. 12	.07	.05	.03	.10	.01	. 12	.04	.04	.04	.13	.20	.05 .36	.08	.04	.03	.01	. 02	.01	.01		. 01	.03	.01	1.09 2.16 1.02
ST MARYS COLLEGE SMITHFIELD 4 S TATHAM SPRINGS						.02	. 13	.04	. 03	.04	.05	.08	.05	.10	.11	.09	.20	.15	. 17	.04	.01	. 02	. 13	. 05	.14	1.08
TOMPKINSVILLE UNIONTOWN OAM 49 WOLF CREEK OAM	//	.01			. 02	.04	. 05	. 02	.03	. 05	.01	. 13	.08	. 15	.09	.08	.02	.06	.07	.04	.01					1.08
WOLF CREEK OAM WOOOBURY LOCK 4			.01		.01	. 03	. 13	.11	. 17	. 07	. 05	.07	.08	. 15	.20	. 15	. 05	.04	.07	.02			. 01	.01		.87 .02 1.43
													-5t	h-												
ADOISON OAM 45 ADOLPHUS 1 N BOWLING GREEN WB AP	//	.02	.01	.04	. 01	.02	.01	.02		.02	.01		. 02	. 02	.02	.16	. 03	.01								.37
CARROLLTON LOCK 1	//	. 02	.07	.12	.01	.01	. 01	.07	.14	.20	. 08	. 11	.10	.02	.02	. 02	. 13	.01	.07	.04	. 07	. 37	.28		. 01	19
COVINGTON W B AIRPORT DUNDEE BARRETTS FORO BR EOMONTON	6	. 07	. 12	.04	. 05			. 04	. 04	. 02	. 02	.01	*	,02	.01	. 08	. 01	.01	. 01			*	*	*	*	. 63
FLEMINGSBURG POST OFF FOROS FERRY DAW 50 FRANKLIN WATER WORKS GEST LOCK 3 HALEYS WILL		.01	. 02	.03	.03	.03	. 05	.04	.07	. 03	. 02	.09	. 25	. 06	.03	. 01		.01	.25	. 14	. 03	. 08	. 05	. 05	, 40	.03
FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL		.01	.06	.03	.01	. 01	. 02	-	-	- 02	- 06	- 06	18	- 04	-	-	-	-	.01	.03	. 02	-	-	- 01	- 02	. 16
BODGEWILLE MAT DARK		.01	.02	.02	.03	.02	.02		. 03	.04	.09	. 13	.04	. 02						. 06	. 02	.01		. 02	.03	.65 .57
LEXINGTON WB AIRPORT LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY MADISONVILLE 1 SE		.05	.01	.01	. 01					.01	.01						. 04	.08	.03							.03
LOUISVILLE WB CITY MADISONVILLE 1 SE MC KINNEYSBURG		.10	.03	.02	. 13	.01	.05	.01	. 02	, 02	. 02	, 08	. 17	, 22		. 01	.05	.10	.04	. 02	.04	.01	. 02		. 04	1.03
PAOUCAB CAA PADUCAB SCS NURSERY	6	*	.02	.01	.01	*	.25	.03	*	.01	*	.14	.61	* 07	. 09	.01	*	. 23	1.04	.24	.01	. 02	. 11	. 40	.87	.05
PIKEVILLE RUMSEY LOCK 2 SADIEVILLE WATER WORKS		. 02	.01	. 04	. 03	.04	.08	,	.01	. 04	.02	.06	. 04	. 22	.12	. 04			.01	.01	.04	.05		.01	. 02	. 01
ST MARYS COLLEGE SMITHFIELD 4 S		. 02	.01	.01					. 01	. 01					.01		.02	. 05	. 07	. 04	,01				. 01	.02
TATHAM SPRINGS TOMPKINSVILLE UNIONTOWN OAM 49	//		.01					00	.02	0.5	0.0	00	. 15	. 27	. 13	. 02	. 02		. 05	. 23	.01	. 08	. 14	. 01	0.0	.05
NOODBURY LOCK 4	//		. 02	. 02	. 01	. 02	.02	. 02	.04	. 07	.03	.06	. 01	.05	. 13	. 03	. 02		.05	.23	. 10	, 08	. 14	.01	. 04	1.47

KENTUCKY OCTOBER 1949

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DISON DAM 45 OLPHUS 1 N ATTER HARLAN WATER WES NYON 1 SW REA COLLEGE WILING GREEN WB AP RROLLTON LOCK 1	1/1		.01	.01	.04	.20	.02																		
XTER HARLAN WATER WES	,,			_ }		_	-	_	_	_	_	_	. 1	_			.14		.10	.01	_		_		_
REA COLLEGE		-		.01	. 19	. 25	-					.07	.28	.02											
ROLLTON LOCK 1	//			.01	. 19	.25		.02	.03	. 07															
TROLLTON LOCK 1 TITRAL CITY 1 E INTON IBIN CAA VINGTON W B AIRPORT TOEE BARRETTS FORD BR IONTON		-	.01	.02	-	.04	.01	.01	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
BIN CAA	6		.01						.06	:	:	*	: 1	:	.01										
DEE BARRETTS FORD BR			.03	.07	.31			.15	, 05				J												
MINGSBURG POST OFF		.25			02										.03										
NKLIN WATER WORKS		.20			.09	.24			,01		.02														
ONTON WHINGSBURG POST OFF  OS FERRY DAM 50 NNKLIN WATER WORKS FT LOCK 3  LEYS MILL LDELBERG LOCK 14 NNDON		.30	.24	.01					.01		.02			.04									,		
DELBERG LOCK 14 NDON	//	.41	. 13											.04											
GENVILLE NAT PARK							.11	.13	.01			.01						.05							
	//									.04	.04														
ERTY ELICK 1 S				. 03	. 01	.01	. 04	, 08					. 05	.06	.02	.01									
DISVILLE BOWMAN FLD DISVILLE STAN W B AP DISVILLE WB CITY				.03	.01 .04 .05	.03	.04 .09 .06	.02															}		
DISVILLE WE CITY CAS DISONVILLE 1 SE		.06	.23	.02	*		. 75																		
DISONVILLE 1 SE YSVILLE DAM 33 DDLESBORO RR STA	//	.06	.23	.02											. 05	.01	. 02	. 01							
LLERSBURG		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 02	-	-	-	-	-	-	-	-
FORDVILLE VE HILL		-	-	-	-	-	-	-	-	-		-	-		-		-	-	.01						
ENSBORO DAM 46 DUCAH CAA DUCAH SCS NURSERY	6	-	-	*	÷	*	.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Ü		. 02		.03			.01							à										
MESY LOCK 2 DIEVILLE WATER WORKS MARYS COLLEGE LYERSVILLE ITHEFIELD 4 S MERSET HIWAY DEPT		.01	.09	. 17	.03					.02	.01		.01												
MARYS COLLEGE								.01	.13		.01														
LYERSVILLE ITHFIELD 4 S	//							.01	.06	.01	. 06	. 51	.09					.05							
MERSET HIWAY DEPT THAM SPRINGS								.02	.04	.03	.02	.51	.09					.03							
FINAN SPRINGS  FPKINSVILLE	//	. 53	. 05	.01	.01	.04	. 02	.72	.24	.03 .01 .01															
IONTOWN DAM 49 LF CREEK DAM DDBURY LOCK 4			.02		.25	. 01		.01		.94	.01														
JUDUNI LOCK 4			.02										-7	th-											
Hermon						. 03							1												
MONTON NEINS	.,					.03						.01		.36	.29	, 05									
BERTY THAM SPRINGS	//											, , ,					.01	.01			. 01	•			
													-8	th-											
OLPHUS 1 N	11																	.01	.11						
OLPHUS 1 N XTER HARLAN WATER WKS NTON 1 SW REA COLLEGE			-	_	-	_	.03	-	-	-	-	.02	.01	.01	-	-	-	-	-	-	-	-	-	-	-
REA COLLEGE																.01	.01		.27	,					
WLING GREEN WB AP NTRAL CITY 1 E INTON		-	-	-	-	-	-	.11	.07	.06	.24	. 44	.19	.01	.01	-	-	-	-	-	-	-	-	-	-
INTON VELLA INDEE BARRETTS FORD BR		-	-	-	-	-	-	-	- "	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
								.01										.23	.03	3		. 00	5		
EMINGSBURG POST OFF				.01	, 11					. 03	.19	. 11	. 11	.01											
DEMINOSBURG POST OFF DRDS FERRY DAM 50 EST LOCK 3 EIDELBERG LOCK 14	//													. 02	.01			. 03	.01	L					
	,,															.04	.11								
ENKINS EXINGTON WB AIRPORT													. 05	.04	.23										
BERTY ONDON POST OFFICE	//														.23	. 08									
					.04	.01				00	0.0	.01								. 81	3 ,0	8			
DCAS ADISONVILLE 1 SE OREHEAD STA TEACH COL										.02	. 03	.01	,14	. 02	2			_		1	_	_		_	_
DOREHEAD STA TEACH COL UNFORDVILLE LIVE HILL		-	-	-	-	-	-	-	-	-	-			.11	.01		1								
LIVE HILL SENSBORD DAM 46 ADUCAH CAA ADUCAH SCS NURSERY T MARYS COLLEGE MITHEIELD 4 S ATHAM SPRINGS ATHAM SPRINGS	6			*			. 14						1.12	.01	*				. 03	7					
ADUCAH CAA ADUCAH SC5 NURSERY									. 03	. 09	.06	. 13	.09				.17	.23	3 .0:	1					
MARYS COLLEGE														.02	.01	0.1	07								
OMERSET HIWAY DEPT ATHAM SPRINGS													.03	.01	1	. 23	.03					.0	3		. 0
DMPKINSVILLE HIONTOWN DAM 49 DLF CREEK DAM	11							. 01	.04	.04	. 48	. 15	. 02												
10 10 10 DA 10																									
LF CREEK DAM														th-											
OLF CREEK DAM	11							. 02					. 33	. 01	6 .01						. 8	5			
DOLPHUS 1 N							.2	6 .01	03	. 07	.91	.21	.05		4 .08	3									
DOLPHUS 1 N	6							. 49	.06	. 02		. 05	5	1	, 00		5								
DOLPHUS 1 N ORBIN CAA OMONTON	6															. 1	8								
DOLPHUS 1 N ORBIN CAA DWONTON RANKLIN WATER WORKS ALEYS MILL AZARD	6						, 0	2																	
DOLPHUS 1 N ORBIN CAA DOMONTON RANKLIN WATER WORKS ALEYS MILL AZARD	6						. 0	2		. 02		. 01				. 0	1								
DOLPHUS 1 N ORBIN CA DUBONTON RANKLIN WATER WORKS ALEYS MILL AZARD EIDELBERG LOCK 14 ERNDON	· //			. 0	1		, 0:	2	. 03			.03			7 .08	. 0	1	_	_	-	_	_		_	-
DOLPHUS 1 N ORBIN CAA ROBEN CAA RANKLIN WATER WORKS ALEYS MILL AZARD DEBRO LOCK 14 EENINS UGAS UGAS UGAS UGAS UGAS UGAS UGAS UGA	6 //	.0	1 -	. 0	1 -	-	-	20	-	_	-				7 .08	. 0	1	-	-	-	-	-	-	-	-

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OCTOBER 1949

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CLINTON FORDS FERRY DAM 50 PADUCAR CAA PADUCAB SCS NURSERY UNIONTOWN DAM 49	6												-11:				,							.05	. 47 .21 .41 .02	.47 .26 .02
ADDISON DAM 45 ADOLPHUS 1 N BAXTER HARLAN WATER WKS	//	. 13	. 27	26	.02	. 01	. 04		.02	.01	.01		-12	m-		.01	, 02	, 11	.02	, 02	. 10	. 09				.09 .11 .34 .69
BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1 CENTRAL CITY 1 E			.09	. 38	. 05	. 03	. 05	.09	. 07	.01	.03	.01	-	.01	. 02	.03	.01	. 01	.01	_	_					.09
CLINTON COVINGTON W B AIRPORT DAYELLA DUMDEE BARRETTS FORD BR EDMONTON	6	- 04	-	.04	. 20	. 10	.17	.05	. 25	.01 .02	.05	-	-	:	. 12	-	-	-	-	-	-	-	-	-	-	. 47
FIRMINGSBURG POST OFF FORDS FERRY DAW 50 GEST LOCK 3 HALEYS WILL HAZARD	//,	. 18	. 13	. 22	.05	. 05	.01	. 03	.13	.11	.03		. 12	.01		.01			.50	.01	. 01		. 01			. 13
HEIDELBERG LOCK 14 HERNDON HODGENVILLE NAT PARK JENKINS LEXINGTON WB AIRPORT LIBERTY						. 24	.01	.01	,01	.02	. 04	.01	.01	.02						.02	.14	. 19	.07	.05	. 05	. 49 . 53 . 05 . 29 . 14 . 59
LOGLICK 1 S LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP	//					.04	.01	.01	.01		.01	,14	.04	, 02	, 05	. 03	. 03				. 05					.18 .25 .06 .08 .08 .14
LUCAS MADISONVILLE 1 SE MAYSVILLE DAM 33 MC KINNEYSBURG	//	.01	.02	. 16	. 16	. 07	.02	.03	.05	.02	.02	.12	.02	.01	.01											. 48
MIDDLESBORO RR STA MILLERSBURG MOREHEAD STA TEACB COL OLIVE BILL OWENSBORO DAM 46				.08	, 06	.10	.05		. 02			. 06	.02	.04	.04	. 02			. 19	. 04	.03	. 01				.31 .27 .08 .08 .04
PADUCAB CAA PADUCAB SCS NURSERY PIKEVILLE RUMSET LOCK 2 SADIEVILLE WATER WORKS ST MARTS COLLEGE SALTERSVILLE	6	.24	.07	.08	.03	.07	, 09	.02	.02										.06	, 08			.02	. 02		. 42 . 18 . 42 . 29 . 06
ST MARYS COLLEGE SALTERSYILLE SMITHFIELD 4 S SOMERSET BIWAY DEPT STEARNS TATHAM SPRINGS	//						. 01	. 05	.07		.01	.05	.06	. 05	.10	. 22	.02	.01	.01			.02	.01	.01		. 06 . 30 . 13 . 32 . 02
TATHAM SPRINGS TOMPKINSVILLE UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4	//	,02	, 14	.08	. 22	.03	.02		.01	.01	.05	, 18	.18	.02	.11	.01	.02									. 30 . 13 . 32 . 02 . 07 . 28 . 51 . 45 . 16
ADOLPHUS 1 N BOWLING GREEN WB AP CORBIN CAA	//												-13	th-										.02	. 04	.02
DAVELLA FLEMINGSBURG POST OFF HEIDELBERG LOCK 14 BODGENVILLE NAT PARK	6	-	.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	- 04	.02
JENKINS LONDON POST OFFICE LOUISA LOCK 3 LUCAS MAYSVILLE DAW 33	//	.01	.02							.02				. 03	.04	.01	.04			. 02	.01	. 03	.02	.01	.04	.03 .17 .08 .13
MIDDLESBORO RR STA MUNFORDVILLE PIKEVILLE SALYERSVILLE SOMERSET BIWAY DEPT	//	.01	.01					.04						.02		. 01	. 02	. 06	.09	.03	.02	.01	.02	. 02		.05 .07 .01 .23 .02 .06
STEARNS WOLF CREEK DAM	//	00	02	1.7		10	45	10	.01	0.1	0.0		.01 -14t	h-	, 01	0.1		.01	20		. 02	.01	.03	. 06		
ADOLPHUS 1 N BAXTER HARLAN WATER WES BEREA COLLEGE BOWLING GREEN WB AP CORBIN CAA DAVELLA	6	.02	.03	. 17	.09	.10 .01 .05	. 12	.10	.08 .01 .07 .08 .23 .07	.01 .04 .33 .09	.06 .08 .25 .03	.02 .01 .05 .03	.01	.01	.01	.01	.16	.01	.09	.10	.05	. 03	;11	.11	.18	1.17 .55 1.05 1.03
DUNDEE BARRETTS FORD BR EDMONTON FRANKLIN WATER WORKS HAZARD	"	.16	.01	.07	.02	,04	.01	.02 .26 1,01	.02	.02	.01	.02 .03 .02 .02	.07	.01		.03	.02	.01	,04	.03	.29	. 15	.03		. 01	. 12
HERNDON SODGENVILLE NAT PARK JENSINS LEXINGTON WB AIRPORT	."	. 03	.02	.01	.01	.01	.08	,04	.03	.10	.08	.02	.06	.01	.08	.01	. 18	. 01	.04							1.68 .57 .48 .04 .87 .75
LOGLICK 1 S LONDON POST OFFICE LOUISA LOCK 3 LUCAS		.01	.01	.06	.08	.04	.02	.01 .24 .18 .12	.10 .01 .17	.03	.02	.09 .01 .07	.03	.01	.01	.05	.06				,03		. 15	. 01		.69 .60 1.07 .55 1.28
MOREHEAD STA TEACH COL MUNFORDVILLE OLIVE BILL PIKEVILLE ST MARYS COLLEGE		.03	.05	.27	,16	.06	.17	.02 .08	.03	.01	. 01	.02 .02 .08 .01	.01	.32	, 09	.05		.02		.03	.01	.04	.05	,13	.04	.05 1.15 .18 .83 .25 1.37
SALYERSVILLE	//			.01	. 12	.01		.01	.19	.08	.01	.02	.07	.74	.09	.01			.01							1,37

KENTUCKY OCTOBER 1949

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SOMERSET HIWAY DEPT STEARNS TATHAM SPRINGS TOMPKINSVILLE WOLF CREEK DAM WOODBURY LOCK 4			.02	.02	. 17	.15	.05 .08 .01 .14	.18 .01 .17 .90 .10	.57 .01 .01 .18	.01	.11	.02	:01 :03	.o:		.03									. 03	1.43 .03 .10 .40 1.21 .76
BOWLING GREEN WB AP CORBIN CAA EDMONTON FRANKLIN WATER WORKS HODGENVILLE NAT PARK LUCAS ST MARYS COLLEGE SOMERSET HIWAY DEPT	6	.02 .01 .02	.01 .01 .04 .01	.01	.01			.01	02	.02	.02		10	u.—												.04 .02 .02 .08 .01 .02 .07
SOMERSET HIWAY DEPT WOLF CREEK DAM		.01						.02	.03	.02	.02		-16	th-												.03
BAXTER HARLAN WATER WKS BEREA COLLEGE CARROLLTON LOCK 1 CORBIN CAA COVINGTON W B AIRPORT DAYELLA FLEWINGSBURG POST OFF	// 6 6						.01	.05	.01	_	.01	_		.01	. 04	.03	. 04	.05	.07	.01	_	* -	. 04	. 01	.02	
PAYELLA FLEWINGSBURG POST OFF GEST LOCK 3 HAZARD HEIDBLERG LOCK 14 JENKINS LEXINGTON WE AIRPORT LIBERTY LOGLICK 1 S	//, //							.01		.10	.01	.01		.01	.03	. 05	.05	.06	.07	. 02	.07	.02	.02	. 02	. 02	.11
LOGLICK 1 S LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY WAYSVILLE DAM 33 WC KINNEYSBURG	"											. 02				. 03	.03	.04	.03	.04	. 05	.01	L	.03		.13 .12 .13 .32
MC KINNEYSBURG MIDLLERSBURG MOREHEAD STA TEACH COL OLIVE HILL PIKEVILLE SADIEVILLE WATER WORKS SALVERSVILLE SALVERSVILLE SALVERSVILLE SALVERSVILLE	//	-	-	-	.02	.01	-					.01	.01	05	. 05	.02	.01 .05 .06 .01	.10	.01	.01	.01	.09	.0:	3 .0: L .0: L .0:	.12 .02 1 .01 3 .10 5 .01	2 .30 2 .07 1 .45 0 .39 1 .26 4 .18 .09 .11 .02
SALTERSVILLE SMITHFIELD 4 S SOMERSET HIWAY DEPT STEARNS TATHAM SPRINGS	//													th-			.02		.01	. 03		.0:	3 .0	L	. 01	
ADOLPHUS 1 N BAXTER HARLAN WATER WKS CORBIN CAA	// 6 6		.01	, 17	. 05				,14	*		.0	٠.		.17					Ì						.23
CORBIN CAA COVINGTON W B AIRPORT DAYELLA EDMONTON FLEWINGSBURG POST OFF GEST LOCK 3 HAZARD HEIDELBERG LOCK 14 HODGENVILLE NAT PARK	· //	.06	.02	. 12	.05	.03		. 05	.01	04	, 01	-	-	-	,21	.01	.01	-	-	-	.0	4	-	-	-	.23 .12 .25 .37 .02
HODGENVILLE NAT PARK JENKINS LIBERTY LOGLICK 1 S LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWMAN FLD	//	. 04	. 17				. 18	.02 3 .12 1 .04 4 .02	.01		.03	.0	1	.0	.03			.10	.13	3 .1	3 .0	9				.23 .12 .25 .37 .02 .02 .45 .35 .19 .07 .23 .02 .20
MAYSVILLE DAM 33 MC KINNEYSBURG MIDDLESBORO RR STA MILLERSBURG	//	. 01	- 05	-	-	- 02	01	-	. 01	-	.08	.1	2 .0	4 .0	1	-	02	-	-	.0	1 .0	-	-	-	-	.20 .21 - .25 .04 .12
MUNFORDVILLE OLIVE HILL PIKEVILLE SADIEVILLE WATER WORKS SALVERSVILLE SWITTE FIELD 4 S	//	.06	.01		, 01		. 04		.01	1 01	. 02	:						. 01		7 .2	2 .0	.0	14			.25 .04 .12 .12 .09 .04 .02 .32 .01 .14 .62 .17
SOMERSET HIWAY DEPT STEARNS TATHAM SPRINGS TOMPRINSVILLE WOLF CREEK DAM		.0:	ı	. 29	.08	.07	.0	7 .03	3		2 .02			Oth-		2 ,20	D	. 02								
BENTON 1 SW CENTRAL CITY 1 E CLINTON FORDS FERRY DAM 50 MADISONVILLE 1 SE OWENSBORO DAW 46		.0	1					.0.	2 .0	3	. 10	o. c		3 .1	0 . 22	2 .0:	6 .11	. 04	.0	5 .0	)1				. 0	01 .25 .11 .28 .59 .12 .45 .09
OWENSBORO DAM 46 PADUCAH SCS NURSERY RUMSEY LOCK 2 UNIONTOWN DAM 49	//	-	-	-	-	-	-	-0	1	1 .1	-	-	-	21st			. 09	.01	. 0		)1					
ADDISON DAM 45 ADOLPHUS 1 N BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1	<i>'</i> //			.0	4 .0	1						. (	02	.0		.0	5 .33	3 .0:	ı	.0					. (	.60 01 .15 .05 .03 .39 .27
CARROLLTON LOCK I CENTRAL CITY 1 E CLINTON COVINGTON W B AIRPORT DUNDEE BARRETTS FORD BR	6	.0	4 .0	1									•		.0	1 *					.:	27				.05

Table 4-Continued

OCTOBER 1949

Table 4-Continued																										
Station						Α	М Но	ur end	ing									P	м Но	us end	ling					3
	1		2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
EDWONTON FLEWINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 RAISTS WILL BURGENSON LOCK 14 BODGENVILLE NAT PARK LEKINGTON WE AIRPORT	-		-		-	-	-	.02	. 02		-	-	-	.02	.02	.05	.03	.17	.01	.02	.01	.01	.01	-	-	.21 .04 I3 .15 .51 .02 1.01 .25
LIBERT LOGLICK 1 S LOWIND POST OFFICE LOUISYILLE BOWMAN FLD LOUISYILLE STAN W B AP LOUISYILLE WE CITY ME KINNYISBING MIOLESBORG RR STA MILLERBURG MUNFORPYILLE												.01	. 54	. 01	.01	.01	.03	.02 .01 .01 .04	.06 .12 .14 .05	.03 .01 .01 .01	.04	.04				.51 .02 1.01 .25 .09 .10 .03 .05 .19 .20 .88 .09 .01
OWENSBORD DAW 46 PADUCAB CAS NURSERY RAPADUCAB SCS NURSERY RUMSER LOCK 2 ST WARYS COLLEGE SMITHER FILL DA 4 SOMERSER DE LID A FORMER SPER NOS TOWNER IN SYSTEMS								٠	.03	. 01	.01	٠	.07	.30	.23	.27	.03	.16	.04	. 13					. 15	1.11 .05 .60 .20 .16 .11
WOLF CREEK DAM WOOOGURY LOCK 4			.02		. 03	.01	.01	. 01	. 05	.01	. 01	.11	.01 -22	.12 2d-	.04	. 19	.01	. 01	.15							.80 .18 .36
ADDISON OAM 45 ADDIPHUS I N 6ATTER RAKLAN WATER WES BOWLING GEEN WB AP CARROLLTON LOCK 1 CENTRAL CITY 1 E COMBIN CAA COVINCTON W B AIRPORT 6		٠	01		. 02	. 05	.06	.03	.01					. 05	,04											.03 .01 .22 .08 .06
OAVELLA DUNDES BARRETTS FORD BR EDWONTON FLEMINGSBURG POST OFF FOROS FERRY DAM 50	. 01		02	.01	. 07	_	.03	-	.02	_		_	. 02	.02	-	-	_	_	_		_		_	_	_	.04 .06 .02 .02 .02
GEST LOCK 3  RALEYS WILL  BAZARD  BALEYS WILL  BAZARD  RODGENVILLE NAT PARK  JEWKINS  LEXINGTON WE AIRPORT  LEXINGTON WE AIRPORT  LOUISVILLE STAN WE AP  LOUISVILLE STAN WE AP  LOUISVILLE WE CITY			01	.03	.01	.01	.03	.06				,01	.01	.04	.01											.05 .11 .02 .06 .03 .05 .06 .02 .05 .04 .01 .02 .04 .03 .05
LUCAS ALLE DAN 33 MIDDLESBORO RR STA MILLERSBURG MORRHEAD STA TEACH COL MUNFORDVILLE OLIVE BILL PADUCAH CAA 6							.05	.01	.01	.08	.01			.04												
PADDICAR SCS NURSERY PIESVILLE SADIRVILLE MATER WORKS ST MARYS COLLAGE SALYRSVILLE SALYRSVILLE SALYRSVILLE SOMERSET BIFAY DEPT STEARNS	.01			. 02		,01	. 03	.03	.02		,01	.01	.02	.02					.01							.02 .04 .03 .03 .05 .05 .02 .02
TOMPEINSVILLE WOLF CREE DAM WOODBURY LOCK 4  BENTON 1 SW CLINTON	.01			. 01		. 05			.01				-23	3d-								.03	. 01	, 01	.01	.01
LONDON POST OFFICE MUNFORDVILLE PADUCAL CAA 6 PADUCAB SCS NURSERY STEARNS	-	-		-	-	-	-	-	-	-	. 15	.04	.01 .01 -24	.01 	.01	-	:	-	.03	.03	*	-	-	:	.03	.03
ADOLPHUS 1 N BAXTER HARLAN WATER WKS GENTON 1 SW BEREA COLLEGE BEREA COLLEGE BEREA COLLEGE CORBIN CAA 6 DAYELLA 6								.01		.01	. 03	. 04	.04	.02	.08 .02 .01 .06	.05	.03	.03	.01 .03 .01 .02	.01	.01					.23 .05 .19 .02 .07
EDMONTON FRANKLIN WATER WORKS HAZARD HEIDELBERG LOCK 14 HERNDON JENKINS LIBERTY													. 03	.01	.03 .0F	.06	.04 .04 .01 .01	.01 .05 .01 .02	.02 .02 .02 .05 .01 .02 .02	.02	.01	.01				.03 .17 .30 .07 .06 .31 .05 .04 .22
LUCAS MIDDLESSORO RR STA PADUCAH CAA PADUCAH CAA PADUCH SCS NURSERY PIKEVILLE SOMERSET BIWAY DEPT STEARNS								٠				٠	.01	.01		.03	.08	.07	.02 .01 .02 .02 .05	.02	.01					.02 .03 .02 .09 .04 .22

Table 4-Continued

Table 4-Continued						A. 1	4 Hou	r end	ing									P. N	í. Hoa	ır əndir	ıg					
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
TOMPKINSVILLE WOLF CREEK DAM WOODBURY LOCK 4													25	. 03	.04	.05	.05	.03	.02		. 01					.20 .14 .03
ACCLUSES 1 N BATTE BABLAN FATER WKS BREERA COLLEGE BOWLING GREEN WB AP COUNTING GREEN WB AP COUNTING CASEN WB AP FRANKLIN WATER WORKS BAZARO BEFOREBERG LOCK 14 JERNIES LUCAS	"	.01	.02			* .05 * .01	.01	.03	.02 .07 .01 .05 .01 .06	.01 .01 .01 .03 *	* .02 .01 * .01 .02 .01 .02 .02	.03 * .02 .02 .06 .03	.05	.01 .01 .01 .02 .02 .02	.01 .25 .01 * .01 .02 .02	.02 .01 * .08 .01	* .08 * .02 .07 .01	.14 * .09 * .01 .08 .05 .01 .11 .02 .04	.07 * .05 .67 .24	.02 .03 .08 .08 .01	.05 .24 .10 .01 .09 .01	. 01	.02	.02	.01	.05 .83 .02 .03 .02 .57 .08 .67 .15 .88 .16 .03 .85 .02 .82 .82
SOMERSET BIWAY OEPT STEARNS TOMPKINSVILLE WOLF CREEK OAM WOODBURY LOCK 4			.01		.04	.02	.01	.0:	.02 L .0B	.07	.01 .10 .01 .02	.02 .03 .01	.01	.01 +h_	,02	.08	.04	,11	.04	.04						.13 .8B .03 .0B
BAXTER HARLAN WATER WES BEREA COLLEGE BOWLING GREEN WB AP CORBIN CAA OAVELLA	6					.02	.01	.0:	.01 .07	.01	.02	.13		.03	.02 .01 .90 .03	.01	.01	.01								.45 .53 .05
EOMONTON FLEMINGSBURG POST OFF HAZARO HEIDELBERG LOCK 14 JENKINS LEXINGTON WB AIRPORT LIBERTY LOCLICK 1 S	// //						.01	. 0:	2 .13	* .07 .02	.03 .13 *	.02 .17 *	.08	.01	.01 .02 .95 .10	.01	.03									.05 .07 .42 .99 .1.07 .09 .25 .33 .1.55 .32 .22 .09 .15 .62 .07 .24 .15 .09 .60 .74 .80 .80 .80 .80 .80 .80 .80 .80 .80 .80
LONDON POST OFFICE LOUISA LOCK 3 LUCAS MAYSVILLE DAM 33 MC KINNEYSBURG MIODIERDONO PP STA	<b>//</b>			. 02	.03		.10		В ,56	.12	.13	.02	. 05	.12 .01 .01	.04 .15 .07 .03	.03	.04	.01		.01						1.55 .32 .22 .09 .15 .62
MILLERSBURG MOREREAD STA TEACH COL OLIVE BILL PIKEVILLE SAOIEVILLE WATER WORKS SALYERSVILLE SOMERSET BIWAY OEPT STEARNS	//	.01					. 01	:1:1	0 .29 9 .15	.01	.03	.07 .09 .06 .2E .12	.28	.24		.02	. 03	.01		1						.15 .73 .09 .60 .74
TATHAM SPRINGS TOMPKINSVILLE WOLF CREEK OAM		.01	.02		. 07		. 05	.1	5 .10 5 .12	.04	.01	.06		th-	.01	01	.02	.01	0!	5 .02	0:	0	2			19
ADDISON OAM 45 AOOLPBUS 1 N BAXTER HARLAN WATER WKS BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1 CENTRAL CLTY 1 E	"							.0	1 .02	.01	.06	.03	.14	.04	.00	. 05 5 . 06 1 . 03 2 . 10 3 . 07 1 . 01	.12 .02 .05 .07 .16	.06 .12 .06	.03 .03 .20 .04	7 .05 2 .01 0 .32	.0:	.0	3 .01 5 .02 7 .04	. 02	.01	. 62
CENTRAL CITY 1 E CLINTON COBBIN CAA COVINGTON W 8 AIRPORT DAVELLA OUNDEE BARRETTS FORO 8R EOMONTON FLEMINGSBURG POST OFF	6	.01		٠	.0:		٠		.05			.01	.02	. 01	0:	1 .05	.06	.04	. 00 . 00 . 30 . 31 . 10	3 7 .03 0 .09 4 .03	.3 .00 .00 .00 .00	3 .0	3 .0	.1:	3 .17	.78 .39
FLEBRUSSHOR FOST OF FORMS FERRY DAW 50 FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL HAZARO HEIDELBERG LOCK 14 HERNDON HODGENVILLE NAT PARK	<b>//</b>						.0	3 .0	6 .01 1	L .0:	3 .10	. 0	.00	.04	.0	. 03 . 03 2 . 02 5 . 08	.01	.01		4 .07 9 .10 5 .12 2 .24 3 .08	.0 * 2 .2 1 .1	1 .0 3 .1 1 .3	9 .10 2 .09 3 .2	9 .0°	7 .02	1.17 2 1.47 .55 .80
HODGENVILLE NAT PARK JEKKINS LEXINGTON WB AIRPORT LIBERTY LOGLICK 1 LOWDEN DOST OFFICCE LOWDEN DOCK 3 LOUISVILLE STAN W B AP LOUISVILLE STAN W B AP LOUISVILLE STAN W B AP LOUISVILLE STAN W B AP LOUISVILLE STAN W B AP LOUISVILLE STAN W B AP	//				.0	2 .0	1 .0	1	. 0:	.0:	5 .15	.02	.14	.01	1 .00 2 .00 1 .20 3 .00 1 .00	6 .03 7 .08 4 .13 5 .06 4 .06	3 .06 3 .07 5 .01	.01	7 .00 3 .30 3 .30 5 .00	3 .03 2 .36 7 .13 6 .06 3 .09	3 .3 7 .2 3 .0 9 .1	2 5 .0 0 .1 8 .2 5 .1	08 11 .0 13 .1 17 .2	3 .10	0 .01 7 .30	2.04
MADISONVILLE 1 SE MAYSVILLE DAM 33 MC KINNEYSBURG	<b>//</b> //	-	-	-	-	-	-	1	- 0-	-	-	-	-	1:	.0:	3 .03	.09	.03	1 .0 3 .0 7 .0	5 .00 5 .00 4 .00 1 .00	3 .0 5 .0 5 .1	3 4 .0	05 .0	2 .0	1 .03	.49
MILLERSBURG MOREBEAD STA TEACB COL MUNYCORVILLE OLIVE BILL OWENSBORD DAM 48 PAOUCAR CAA PAOUCAR SCS NURSERY PIKEVILLE	6								02 .0	1	.01	.0:		. 08	*	2 .01	.05	.01	7 .0 0 .1 3 .0 .1 2 .0	5 .1 7 .1 7 .1 2 .0	.0	8 .2 1 B .0	.1 .0 .5 .1	3 .0: 1 4 .0:	6 .02	. 12
PIKEVILLE RUMSEY LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE SALYERSVILLE SMITHFIELD 4 S SOMERSET HIWAY DEPT	//		-	-	-	-	-	-	.0	-		.0	1 .0	.0:	1 .0	5 .0	04	.0	3 .0 9 .1 6 .0 1 .0	5 .10	0.0	5 .0	-	5 .2	3	1.1B

OK LOBER | 440

						A I	4 Hou	ır endu	ng									H M	111	en-li	nq					3
Stalion		1	1	3	4		6	7	8	9	10	11	12	1		1	4	5	6	7	В	9	10-	46	4	Total
STEARNS TATHAM SPRINGS TOMNELINSVILLE UNIONTOMN DAM 49 MOLF CREEK DAM MOODBURY LOCK 4						0.3	0.1	,02	04	.02	.01	. 12	. 14		07 03 04 20 . 02	02 01 _15 06 .11	. 02	. 12 37 . 14 13	.11 .07 38 .05 .27 12	.01	18 03 .45 -28 .06	14 06 .02 04 03	98.80	.07	.01	95 56 1 94 07 1,98 68
ADOLPHUS I N BAXTER HARLAN WATER WKS BEREA COLLEGE	6	.02	. 02				.01	.01	.01	.01											. 01			. 02	02	.03
CORBIN CAA COVINGTON W B AIRPORT DAVELLA EDMONTON	6	.14	.23 .05	. 02	.01		.01	.02		.02																.25
FLEWINGSBURG POST OFF GEST LOCK 3 RAZARD HEIDELBERG LOCK 14 JENNINS LEXINGTON WB AIRPORT LIBERTY		.02 .01 .01	.01	.01 .02 .01 .01 .01	. 02	.01	.02	.02		. 01								.01	.01		.01					.04 .06 .02 .17 .02 .02
LOGLICK 1 S LOUISA LOCK 3 LOUISVILLE BOWMAN FLD MAYSVILLE DAM 33 MC KINNEYSBURG		.07	.03	.01	.01	.03	. 02				.01		.01	.01	.01	.01							0.5	,03		.16 .03 .09 .06
MIDDLESBORO RR STA MILLERSBURG MOREHEAD STA TEACR COL OLIVE HILL		.01		. 02	.01	. 01		.02		.02													. 05	,03		.02 .06 .03
PIKEVILLE SADIEVILLE WATER WORKS ST MARYS COLLEGE SALYERSVILLE SMITHFIELD 4 S		.07 .01 .02 .05	.05	.01	_	. 03	. 03		-	.01	-		.01	.01	-	_				-	-			-	-	.02
SOMERSET HIWAY DEPT STEARNS TATHAM SPRINGS TOMPKINSVILLE WOLF CREEK DAM		.01	.01	.01	.01	.01					.01						. 05	. 02	.01							.14 .03 .04 .02

## DAILY TEMPERATURES

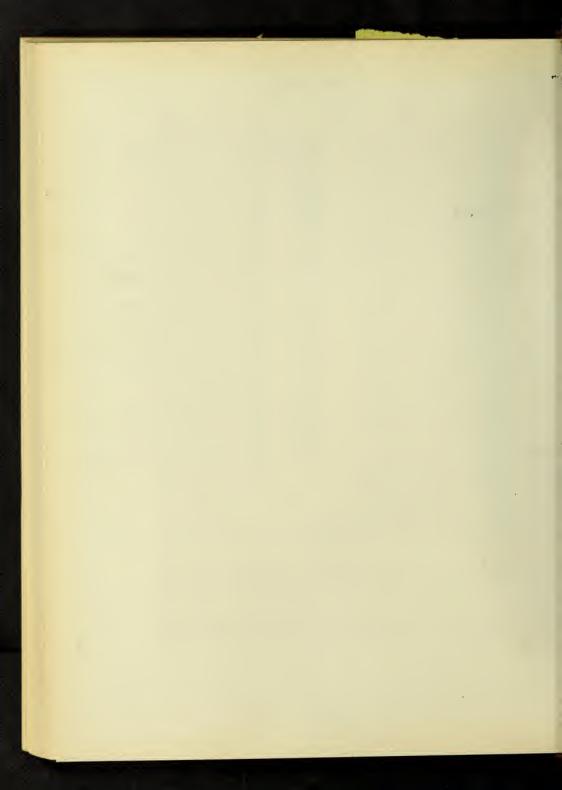
EENTUCKY OCTOBER 1949

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	of mo	17	18	19	20	21	22	23	24	25	25	26	27	28	29	30	31
C80RAGE M	44 X	80	84	66	66	71	75	86	87	85	86	86	73	73	67	77	-	-	-	80	82	75	69		56	+	-	-	-	+	-	-	-
М		37 66	45 76	56 78	59 80	61	64	55 84	59 85	59 89	64	65	50 89	43 84	47	47 61	76 47 72	77 56 77	78 47 68	56 77 53	59	60	41	71 35	1 46	145	3 3	32 32 53	35	65 43 66	70 43 58	59 45 68	57 35
	IN	35 82 35	43	45	67	60	62	62 88	58	58	58 86	58 87	60	53	51	51	53	55 77	52 81	53 84	43	78 47 74	53	37	70 38	46	6 4	16	33	33	44	50	51
W.	IIN	35	51	6 I 80	64	63	66	58	63	63 85	65	60	50	46 78 58	52 69 59	48	48	52	48 67		59	61	50 81	76 37 74 37 63	51	66 45 68	5	34	37	42	44 75 46	49	39
REA COLLEGE M	AX IIN IAX IIN	66 38 79 40	79 40 81 44	45 74 56	79 52 73 59	77 51 74 58	74 60 79 65	83 60 84 58	63 82 59 87 62	62 84 59	56 85 63	85 59 85 64	85 63 80 53	58 68 49	59 64 56	48 69 59 71 52	48 73 52 65 50	52 70 52 65 55	52 74 49	51 73 50 76 50	50 80 56	50 75 62	55 69 48	63 45 67 36	60 51 61 37 55 44	48 55 43	8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	32 34 30 14 32 36	35 65 33 70 37 62 40 72	75 42 70 43 62 48	63 50 62 50	49 65 55 61 49	57 35 62 51 58 39 70 52 53 40
TLING GREEN WB AP	AX	80 36	84 43	77 62	67 62	71 63	78 61	85 55	86 63	79 64	84	85 65	70 54 84 61 85 62 78	74 49 74 46 77 48 59	64					81 50 79 52	84	78	70				9 6			- 1	- 1		
RGIN OIX OAM	IAX	78 42 72	81 40 80	74	68 54	61	81 61	87 53	84 54	86	86 54	86 62	84 61	74 46	70 55	72 55	70 48	72 57	78 50	79 52	84 58	80 60	75 59	70 38	63	60	0 6	66	73	64 46 67 45 71	70 48 64 45 65	62	58
PBELLSVILLE M	AX.	72 41 78	80 42 79	85 48 74	68 54 76 60 75 54 65	66 60 75 59 69	81 61 70 58 80	87 53 80 56 81	84 85 60 86	85 62	80 61	86 62 85 61 86	85 62	77 48	55 70 55 71 48 65	65 51	77	65 51	75 48	65 49	84 58 79 50	88 54	70 57	65 35	59 47 63 43 61 35	59 40 60 44 59	9 3	84	66	71	65	64	62
BIN CAA MU	EAX IIN EAX	78 34	79 36	74 46	75 54	75 59	80 62	81 58	86 58		84 57	86 54	78 58	59 55	65 58	70 53	67 53	64 51	74 51	76 48	83 54	76 53	72 42	67	64	55	5 6	64	74	60	66	61	54
M:	IIN	34 76 40	36 79 49	46 67 57	60	62	62 76 63	58 82 58	58 85 62	58 84 62	57 84 65	54 81 66	58 72 50	55 67 43	58 66 44	73 54 72 55 65 51 70 53 70 47	70 50 70 48 77 48 67 53 69 47	75 51 72 57 65 51 64 51 72 57	81 49 78 50 75 48 74 51 67 53	76 48 76 48	83 54 78 58	60 80 60 88 54 76 53 71 64	42 75 59 70 57 72 42 68 45	70 38 70 38 65 35 67 33 66 40	64 44 54 43	55 46 59 42	9 3	35 36 37 38 34 34 39 38	70 37 73 36 66 34 74 37 63 34	37 60 54 63 43	47 66 54 65 45	62 49 64 50 61 54 59 47	51 36 58 45 62 44 54 42 53 34
M.	IAX IIN	71 37 65 37 79 42 70 35	81	83 48	74 59 76	68	72 61	80 58	87 63	87 61	85 62	86	86	73 49 79	73 52 69	66 53 66	72	64 51 66	69	78 51	78 53 74 49	84	75	67	70	54	4 5	57	66	72	60	60	60
MER5 M/	IAX IIN	65	81 44 74 36 79 58 78 38	4S 76 42	76	60 72 57 68 59	61 74 58 74 58 73 62	58 80	63 82 56	61 83	62 85	61 85	64 85	79	69	66	70	66	69 50 70 52 79	78 51 72 49 80	74	84 59 80 51 75	75 59 79 52 62	67 38 70 29 72 43 66	68	55	9	9	63	67	60	64	61
DS FERRY DAM 50 MA	IAX	79	79	68	48 70 60	68	74	58 86 58	56 78 60	55 86 62	54 84 66	52 85 60	56 69	43 69	50 73 49 71 43	50 72	71	75	79	80		75	62	72	56	63	3	56	66	70	74	63	47
NKFORT LOCK 4	AX	70	78	82 40	70	67	73	80 55	86	86 58	85 58	85 60	86	48 73 43	71	69	74	68	77	54 80	80	83	80	66	70	58	8 6	55	66	67	65	68	29 63
ENVILLE 2 W	IA X	83 36	85 51	76 61	70 54 67 64	65 63	75 65	89 55	86 55 82 61	84 62	85 64	86 70	46 86 65 79 58	72 44	66 55	51 69 51 74 47	72 49 70 46 71 53 74 50 72 48	56 75 51 68 50 75 53	51 77 52 79 47	51 80 51	61 80 53 85 58	51 83 58 77 61	42 80 58 71 50	36	70 42 68 39 56 44 70 36 75 37	54 43 58 44 63 41 58 46 64	6 3	57 59 55 56 56 55 57 59	66 36 63 27 66 37 66 33 73	72 38 67 32 70 41 67 33 76 42	60 50 60 47 74 45 65 48 72 45	60 51 64 44 63 40 68 45 64 53	60 44 61 43 47 29 63 46 57
DQUARTERS M	IAX IIN	74	78	72 55	65	71 61	77 63	83 58	87 64	87 61	84	84 63	70 54	69 45	66	68	70 49 67 52 73 51 69 51 71			77	81 57 80		66	68 35	1		7 6	54	66		- 1		55 38 60
DELBERG LOCK 14 M.	LAX L.N	78 36	80 37	76 42 71 60	54 75 56 67	75 59	82 57	84	81	86 58	87 59	86 53	81 54 75 58 87	62 55	65 58	51 70 56 72 45 66 51 68	67 52	70 59	75 52	48 75 53		79 53	44 70 60	70 34	62	54 44 54 45 64	5 4	55	70		66	61	60
		78		71	67 64 79		73 58	84 59 85 47 83	80 64 81		84 63	69	75 58	68	73 49	72 45	73 51	78 51	78 50	81 51	82 59 74 50	71 62	71	74	62	64	4 3	66	65	72	56 72 42 57 49	64	48 55 39
DMAN SETTLEMENT SCR	IAX IIN	33 65 36	38 79 38	79	79	56 77 46	77	85	8I 51	62 87 53	85		87	68 44 82 51 69	61	66	69	64	72	73	74	79	80	72	66	62	2 3	57	63	72	57	67	60
KINSVILLE 2 E	IIN IAX IIN IAX	78 42	38 78 53	40 72 58	45 68 62	46 70 62	82 57 73 58 77 55 75 62	83	51 79 62	53 81 61	55 84 64	51 84 65	51 78 59	69	65 58 73 49 61 55 66 55	68	71 50	72 57 70 59 78 51 64 55 73 54	72 49 75 52 78 50 72 52 75 49	81 51 73 51 78 51	83	76 59 79 53 71 62 79 49 74 59	80 51 64 51	35 70 34 74 42 72 32 70 38	58 45 62 45 62 51 66 40 63 52	62 34 60 45	5	38 55 14 56 38 57 15 58	36 70 33 65 33 63 32 61 38	72 38 72 37 70 43	68 45	51 64 52 67 52 61 51	50 51 57 39
INGTON M.		80	83	73 63 71	67	68	74	85	85	82	84	84	75 55 77	70 43	68	72	72	75	80	81 51 78	83 59 81	75	69 48	72 38 66	62	65	5 6	3	65	70	71	60	57
TCHFIELD M:	LA X	37 76 40 77 44	48 81 49	71	62 67 61	63 66 62 72 61	74	59 83 60	62 83 63	62 83	66 83 63	68 83 66 84 63	77	70	52 65 50 65 53	70	72 48 70 49 65 49 70 49	73	75	78	81	81	68	66	62 50 61 51 55 46 59	59	9 6	1	66	65	71 45 67 47 63	61	58
INGTON WB AIRPORT M	IAX IIN	77	79 49	62 72 56 67 62	65	72	80	84 60	83	85	85	84	70	70 45 70	65	72	65	72	75	76	56 81	76	51 68 42 70 43	40 67 38 71 38	55	51	7 6	1	69	61	63	63	52
VISVILLE STAN W B AP	AX	80 41	83 46	67	67	72	74	85 59	65 86 61	62 85	64 86 65	85 71	74	70	69	72	70	76	78	82	60 81	77	70	71	46 59	65	5 6	38	37 67	52 66	50 71	51 59	35 50
ISVILLE WB CITY M:	IN IN	78 48	82 52	66 64	67 61 67 62	72 64 71 64	74 66 74 64 80 61 74 63 73 66	84	61 83 65	61 81 65	65 83 66	71 83 71	60 70 48 74 50 74 53	44 70 45 69 47	51 66 52	72 49 70 50 72 52 72 50 71 50	69 50	75 54 73 54 72 55 76 57 73 58	80 49 75 50 75 51 78 50 76 56	52 76 52 82 51 78 55	60 79 63	75 63 81 60 76 63 77 58 75 65	43 69 49	38 68 43	47 59 48	45 61 46	6	33 35 31 37 31 38 38 32 37 37	65 35 66 37 69 37 67 36 65 39	70 43 65 45 61 52 66 45 65 48	45 68 47	60 52 61 50 63 51 59 50 58	57 41 58 42 52 35 50 36 50 36
ELACEVILLE M.	AX (IN	78 39 70 34 57	78 55 78	67 62 80	68 64 67 62	69 63	76 62	85 66	79 65	85 61	84 67	85 69	81 59	70 47	75 50 70 46	72 48	72 47 74 47 71 48 67	78 50	78 47	80 50 79 48	84 60	76 66	72 48 74 50 77 55 74	73 37	67 50 71 50	67	7 5	59 17 14 16	69 33 57 33 62 35 78	72 35 73 36	74 40 74	70 48	54 35 60 39
M.	EAX IIN	70 34	78 40 78	80 61 82	67	66 63 66	69 63 72 64	75 54 77	85 60	80 60	84 65 78	84 68	84 59 85	70 44	70 46	75 44	74 47	74 56 67 52 70	78 47 74 46 78	79 48	80 54	84 60	74 50	62 37	71 50	55	5 3	6	57 33	73		48 73 46 67 50	60 39
MOTH CAVE PARK	IAX IIN IAX	57 37 82	78 48 84	82 63 79	75 62 78	66 63 79	72 64	77 55 85	84 60 90	86 64 90	65 87	85 66 88	85 68 83	69 47 65	73 54 66	66 52 75	71 48	67 52	74 46	76 48 80	80 53 84	81 59 80	77 55	63 34 77	69 49 65	56 43 55	6 6	9 3	62 35	69 47 75	65 45 67	67 50	63 43 65
CHESTER MA	IN I		84 77 57	79 67	78 68 61	66	77	86		86	87	88	83 79	70		71	71		78 80		84				65			- 1			-	66	53
	IIN			58		59	59	57	79 63	59	63	65	56	43	73 49	46	48	75 45	48	81 51	57	74 63	73 45	73 38	44	62		- 1			42	48	36
ASAITTE OVE 33	IAX IIN	65 33 75 40	74 42 77 43	79 42	73 47 76	67 60 76	71 61 81	80 60 82 63	83 60	88 59	85 59	83 59	82 59 83 54 82 59	73 40 77	69 48	69 49	70 48 69	70 48	68 53	66 51	74 51 78	78 55	77 66	69 37 68	70 37 70	55 46	6 3	7 37 34 4 4 5 5 8 8 8 4	30		64	65 45	63 47
	IAX	75 40	43	42 76 47	50		61	82 63	84 59	83 59	83	59 83 53 86	83 54		70 61	49 73 60 70	69 58	57	72 55	74 52	78 52 82	76 53	72	68	70 45 63	60 51 61	0 6	4	71 38	66 50	68 54	64 57	61
JNT STERLING MA	AX IIN	77 43	80 45	75 52	72 63	74 61	61 79 64	60	86 65	88 61	86 61	62	82 59	70 46	68 54	70 53	67 51	73 57	53 72 55 74 50	51 74 52 76 51	57	78 58	74 52	68 38	48	61	1 6	55	68	62 48	63	62 50	56 45
RRAY M	AX IIN	73 36	76 51	73 61	72 63 71 64 67 62	70 62	63	86 56	81 64	86 61	85 66	85 66	85 60	78 46	75 51	77 47	76 47	79	80 47	81	85 56	55 76 53 78 58 81 65	72 51	40 68 38 75 37	66 48	45 65 45	5 6	6	75 41	75 38	76	69	57
INSBORO M/	IN I	73 36 75 36	51 79 47	73 61 82 59	67 62	70 62 67 61	66	86 56 73 55	60	61	86 64	84 65	85 57	72 43	68 54 75 51 71 48	53 77 47 77 44	58 67 51 76 47 78 48	48 65 57 73 57 79 47 77 52	82 47	82 50	82 55	82 60	61 74 52 72 51 73 47	62 38	48 72 45	45 56 44	6 6	6	60 30 71 38 68 37 75 41 62 34	66 50 62 48 75 38 71	40 68 54 63 56 76 43 73 43	64 57 62 50 69 40 73 49	63 47 61 48 56 45 57 37 60
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UCAH NO 5 FIRE 5TA	IIN EAX	77 39 77	54 79	62 68	68 64 69	69 62 69	75 63 76 57 75 63 75 63 77	60 86	64	62 87	84 67 84	85 68 84	70 49 86	45	75 49 78	72 46 75	74 52 73	77 48 78	78 49 80	79 52 82 49 80 49 75 50 78	63 87	73 68 74	46	72 42 74 40 74 36 64 37 76	55 47 55	45	5 3	57	67 34 68	71 37 72 39 73 36 70 43 55	73 42 76 43 71 43 62 53 67	63 47 63 39 62 46 62 49	47 30 47 25 55 40 59 46 63
INCETON M:	IN	40 79	60 80	69	62	61	57 75	86 60 85 53 80 56 83	60 75 60 85	64 85 59 87 58 80	84 67 85	65 84	45 78	73 49 70	78 46 73 51 67 52 64	75 49 73	73 50 73 50 68 54 72	78 48 75 48 65 56 75	80 47 80 47 68	49 80	63 87 54 79 50 75 56 82	74 48 72 61 81	65 36 76 51 76 57 62	40 74	55 45 60 50 67 49 60	45 66 41 65 46 55 43 62	1 3	14 18 18 18 18 18	68 37 70 33 63 35	73	43	39 62	25 55
	IN IAX	36 66	50 77	61 79	63 75	60 72	63 75	53 80	60 85	59 87	65 85	68 86	58 85	45 78	51 67	46 64	50 68	48 65	47 68	49 75	50 75	61	51 76	36 64	50 67	46	6 3	6	33	36	43	46 62	40 59
SELLVILLE M	IN AX IN	38 77	50 77 39 82	61 79 49 73	63 75 60 67	60 72 59 72	63 77	56 83	60 85	58 80	65 85 60 83	68 86 62 85	58 85 66 70	70 45 78 47 74	52 64	46 64 52 72	54 72	56 75	48 75	50 78	56 82	59 78	57 62	37 76	49 60	62	3 3	8 8	35	43	53 67	70	46 63
JOHN BETHLEBEN ACAD MA	LA X	67	79	83	69	66	68	75 55	84	83	78 63	84	83	66	70	64	70	67	73	77	79	82	74	63	70	55	5 6	0	60	67	65	68	60
ENCE BILL MA	IAX IIN	37 80 39 80 37 70	83	83 54 77 51	69 61 73 55 76 63		63 80 65 80 66 71 61 84	86	61 85 61	83 59	84 60	60 85 63 87 63 86 62	65 80 58	66	46 64 58	51 73 53 72 53 65 51 64	48 67 54 71 48 74 48 71	53 69 56 78 54 71 47	48 75 49 77 48 77 49 70	48 78 49	54 82 52 83 53 81 52 74	57 75 55 82 58 83 60 80	55 74 58 70 48 77 58	35 67	35 64	55 44 54 45 56 44 54 43 62	4 6	10 14 15 10 14 14 13 14	60 36 73 41	57 40 58 51 71 50 58 32	43 62 56	68 44 62 51 64 53 69 46	60 43 58 44 60 41 59 43
TTSVILLE MA	IAX IN	80	83 39 84 50 80	80	76	72	80	85	88	83	86	87	58 83 60	69	66	72	71	78	77	80	83	82	70	35 70 36	48 61	56	6 6	4	72	71	68	64	60
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T LIBERTY WATER WKS	IN IAX IIN	32 69	40	79	79	75	84	84	81	86	88	62 86	86	63	60	64	71	71	70	73	74	80	58 84	63 36 78	70	62	2 5	3	51	50	45 58	62	43
LIA M5BURG MA	AX	73	76 49	73 49	75 59	75 59 65	79	80 62	82 65 81	83	83	81 57 82	83 58	68	67	71	68	65	72	74	78	70	77	67 39	66	55	5 6	2	71 6	35	67	67	63
	IN AX IN	62	72	78	71	65	62 71 62 82	76	81	85	62 82 62	82	58 83 64	65	65	67	68 55 68 48 66	65 51 67 47 74	70	67	73	80	73	60	66 45 65 40 62	52	2 6	0	57	52	60	68	51
LF CREEK DAM	AX IN	40 62 42 83 37	49 72 46 87 42	49 78 49 82 54	59 71 54 74 55	62 78 61	82 60	58 84 60	63 87 62	83 62 85 63 83 65	62 87 59	63 87 58	64 82 58	68 52 65 43 65 58	67 57 65 43 66 56	71 52 67 49 73 54	66 53	74	72 54 70 51 78 49	74 51 67 50 82 52	78 54 73 52 85 55	70 50 80 59 79 54	77 50 73 59 72 40	60 40 72 38	62 48	55 45 52 43 54 47	5 6 5 4 2 6 3 4 4 6 7 3	7	71 6 37 5 57 6 32 3 74 6	55 6 53 5 52 6 52 6 52 6	67 53 60 49 67	67 55 68 48 62	63 47 61 45 54
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## STATION INDEX

OCTOBER DM9

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Station	Index No.	County	Dramage:	Lattude	Longstude	Elevation		me	Observer		to ables			Station	Index No	County	Drainage.	Latitude	1	Longitude	8	Temp	Observer		to to ibles
ADDISON DAM 45 ADDITION I N ALLEN ANCINITAGE ASTCAMP	0043 0093 0133 024E	ERECEIMRIDGE ALLEN FLOYD JRFFEENON PIEE	7	37 35 3E 39 37 35 3E IE 37 I8	82 41 83 43 85 31 82 21	8 600 5 85D 700 8 1100	7P	6A 7A 8A 7P EA	CORPS OF ENGINEES IDEAL M DEARING MANNIE AUSIER C E HARRET MARY 3 NATLIFF	3 3 5 3	4	5	1	LOWDON FORT OFFICE LOWING FORE 3 LOUISVILLE BOWEAU FIELD LOUISVILLE STAN WE AP LOUISVILLE UPPER GAGE	4943 4951 4954	LAPMEL LAMBENCE JEFFERSON JEFFERSON JEFFERSON	7 7	37 0 38 0 38 1 38 1 38 1	7 R2 3 E5 1 M5 7 85	37	1250	M I	E W ME MANHEN A RUNNELL T WEFFLEE D T MFATHER DISTALL D US WFATHER DISTALL A US ENGINEERS	2 3	4 4 6
ASNLAND DAM SE EARDORNVILLE WATER WES EARDSTOWN SAITKE RAWLAW WATER WES BEAVEN DAM	0381 0369 0430	EOYD RNOX NBESON HARLAN DETO	10 16 2	3 H 27 3 E 32 37 4 H 36 81 37 25	N3 51 N3 21 N3 21	637	7P HP	7A MID 7A MID MP	CORPS OF ENGINEERS JOHN R THARTON MRS POPE SISCO CYMUS S LAYSON E D TOURG	2 3 3 3 2 3	4	5	1.	LUCAS BADINONVILLE I SE	4967 5002 5067	JEFFERSON DALLARD BANNEW EOPEINS EDMONSON	3	3E 1 38 3 38 3 37 1 37 1	9 87	50 02 29	435	E	A US OFATHER RUEEAU P BLAIMF KALONF D CECIL B BRITT A J W MC COF A NATIOVAL PAKE SENV	2 3 2 3 2 3 2 3 2 3	5
NENTIAE SENTON MEREA COLLEGE ESREA WATES WORKS ECSTON E 38	0611 0618 0824	RARLAM WANSHALL WAD ISON EAD ISON NELSON	4 4	3E 5E 3E 5I 37 34 37 34 37 46	8N 2 64 11	1 1070 5 1100	SA SP	8A 6P 7A 7A	C C NUSTEAKER BENTON WATER WORKS JAKES A GEOSSMAN MRS L B GAFFARD MRS PAULENE COY	2 3 2 3 3 3	4	5	2 2	MAYFIELD SUBSTA MAYFIELD 2 S MAYSVILLE DAW 33	5#30 5#32 5#43	CLAY GRAVES GRAVES EASON PENDLETON	8 6 7	37 0 36 4 36 4 38 3 38 3	4 N8 2 RH	39 38 42	400 364 364 524 E10	5P 5	A PARE HOWARD TYA P MRN JOF PAYRS A CORPS OF ENGINEERS D AMANDA A AUTICK	2 3 2 3 2 3	5 4 5 4
BOWLING DNESS SUBSTA BURLING GREEN SUBSTA BURLING GREEN WE AP REEST DAM 36 EBOWKSVILLE LOCE E	0907 0909 097E	RARREN WAGREN RAWREN CAMPBELL EDMONSON	3 3 7	37 00 37 01 38 58 39 03 37 12	86 21	470 5 535 489	MID	7A MID 7A 7A	JAMES N EDWARDS TVA US WEATHER SUREAU CORPS OF ENGINEERS CORPS OF ENGINEERS	2 3 3 3	4	5	M	#IDDLESDORG #IDDLESHORD RR STATION #IDWAY 2 5 #ILLKRSDORG #ILLERSTOWN	5394 5407 5430	BELL BELL ROODFORD BOURDON GRAY3ON	4 5	36 3 38 3 38 0 36 1 37 2	7 83 7 84 8 84	43 42 09	112M 113D E05 5R0	E1	D BUGB ALLEN D FHANK M TALIAFERAD A JOHN B NUGENT A MRS AWY L POTTS A KRS O M LAWLER	2 3	4 4
BURGIN DIE DAK BURMSIDE CAPIE LOCE E CAMPSELLSVILLE CARROLLTON LOCE 1	1136 1208 1236	BERCEE PULASE! TEIGG TAYLON CARROLL	2 3	37 4H 38 59 38 46 37 20 38 41	87 58	705 424 777	4P 6P	SA 7A 7A EP 7A	C R WILLIAMS SARAH E LEWIS CORPS DF ENGINEERS ALVA MC WINLEY CONPS OF ENGINEERS	2 3 3 2 3 3		5	E M	CORRHEAD STA TEACH COL COUNT STERLING CUNFORDVILLE	5555 5640 5664	WAYNE ROWAN KONTGOMERY BART CALLOWAY	5 3	36 5 38 1 38 0 37 1 36 3	1 83 3 63 6 85	26 57 53	910 770 930 8D0 600	5P 5	A K O COOPEN D H C HAGGAN P FRED CARTWILL A SAM CHADDOCK P MURRAY WATER SYSTEM	2 3 2 3 2 3	4 4 5
CENTRAL CITY WATER WES CLINTON COLLEGE WILL LOCE II COLLUESIA CONSTANTINE	1631 1704 1722	MITTLEWERRG SICKMAN BADISON ADAIN BRECKINRIDGE	8 4 3	37 19 38 41 37 47 37 08 37 40	89 00	729		MID MID BA 7A MID	CEN CITY WATER WAS ROODSON D FEARELIN CORPS OF ENGINEERS MRS HAZEL B PICKETT MRS GLENNIE L SHARE	3 3 3 3	4		0 0	DENEY DENEY DAM 35 DENSORO	8020 6033 8091	CARTER BOPEINS CAMPDELL DAVIESS DAVIESS	7 7	38 1 37 1 38 5 37 4 37 4	3 87 8 84 6 87	47- 18 09	752 380 497 420 404	51 7	D MHS W F FULTZ JR A ART D WILLIAMS A CORPS OF ENGINEENS A V/FGIL P CLARE A CORPS OF ENG //EERS	3 3 2 3 2 3	4 5
CORBIN CAA CORDIN WATER WORKS COVINGTON WE AIRPORT CTWTHIANA DANVILLE	1806 1855 1898	WSITLEY WSITLEY EENTON HARRISON BOYLE	7 5	36 58 36 57 39 04 3K 23 37 39	84 06	1070 E69	WID 6P	KID 7A KID 7A 7A	CAA CORBIN WATER WORKS US WEATHER BUREAU MARSHALL RILL R P COLDIRON	2 3 2 3 2 3 2 3	4	5 5	P P	PADUCAH SCS MURSERY PADUCAH CAA AP PAINTSVILLE	6117	MC CRACKEN KC CRACKEN KC CRACKEN JOHNSON PIKE	7	37 0 37 0 37 0 37 4 37 2	4 68 3 88 9 82	35 46 48	346 620 686	TP KI MID MI	A CAPTAIN PF WILLIAMS D SOIL CONSERV SERV D U S CIVIL AERO ADM A JESSE PAIRCNILD US WEATHER DUREAU	2 3 2 3 2 3 2 3	4 4 5 4 5
DAVELLA DELPHIA DEMA DEMAE SARRETTS FORD BE DUNBON	2131 2139 2358	MASTIN PRERY ENOTT 0810 MUNICHBERG	1 3	37 25 37 33	83 07	1200 850 430		MID 8A 8A 7A 7A	BENTHA DE LONG FARIS CRESS HATTIE B BARNEY J L HUFF N D GIVENS	3 3 3 3	4		P. P. R	PLEASUREVILLE 2 S PRINCETON MAYENNA LOCE 12	6575	BELL SHELRY CALDWELL ESTILL MADISON	2 4	36 4: 38 2: 37 0 37 4: 37 4:	0 85 6 87 0 83	07 53 57	999 882 529 631 1000	5P 5	A F PARTIN A E D MORGAN P ALTON M MARVILL A CORPS OF ENGINEERS A EASTERN TEACHERS CO	2 3 2 3 2 3	5
EDDYVILLE LOCK F EDMONTON ELIZABETHTOWN	2445 2469 251D	CASEY LYON METCALFE RARDIN PENDLETON	3	37 42		42D		7A 7A 7A 7A 8A	LINNIE D TARTER CORPS OF ENGINEERS JOHN E EORAN ROHERT E SETTLE JESSIR OLDEAM	3 3 3 3	4		Ni Ru S.	WISSELLVILLE MUSSELLVILLE SUBSTA RADIEVILLE WATER WORRS	7049 7054 7074	WC LEAN LOGAN LOGAN SCOTT BARDIN	3 4	37 3: 36 5: 36 5: 38 2: 37 4:	1 86 0 86 3 84	53 54 32	576 890	7A 7	A CORPS OF ENGINEERS A DR S S MC REYWOLDS TVA D RICHARD E ZEYSING A SISTER S M GSELL	2 3 3 3 2 3	4 5 4 5
FARMERS FLEMINGSBURG FLEMINGSBURG POST OFFICE FORD LOCE 10 FORDS FERRY DAK SD	2903 2908 2953	ECHAN FLEHING FLEHING CLARE CRITTENDEN	5 4	37 53	83 44	870 750 593		7A 7A KID 7A 6A	MRS C C STAMPER HYRON F FLEMING MAURICE O CARPENTES CORPS OF ENGINEERS CORPS OF ENGINEERS	2 3 3 3 3 2 3	4 4	5	5	ALYERSVILLE	7121 7129 7202	MARION MERCER MAGOFFIN PULASEI ALLEN	5 2	37 3 37 5 37 4 37 1 36 4	6 84 5 83 1 84	49 04 39	730 520 900 1065 770	81 80 6	D ST MARY COLLEGE A CORPS OF ENGINEERS D J M MAY P WILLIAM R COHRS P NOHLE ALLEN	3 3 2 2 3 2 3	4 5 5
FRANKLIN WATER WORKS FRENCHBURG 1 SW GEORGETOWN WATEN WORKS	3036 3052	FRANKLIN SIMPSON MENIFEE SCOTT HENRY	5 4	38 13 38 43 37 57 38 12 36 35	64 52 86 34 83 39 84 33 84 53	691 880	4P	6A 7A 8A 8A 7A	CORPS OF ENGINEERS BERMAN D NEAL C JEROME RIERONYMUS JOE W ATRINS CORPS OF ENGINEERS	2 3 3 3 3 3	4	5	SI SI	SHELHYVILLE 2 W SHEPHERDSVILLE SMITHFIELD 4 S	7324 7334 7473	WEESTER SRELBY BULLITT BENRY PULASRI	8 8	37 36 38 13 37 55 38 26 37 0	85 85 85 85	16 44 16	360 825 450 862 873	6P 5	P SEBREE WATER WORKS A WILLA S A RATTA A CONRAD WANAWAN D P W SIMPSON D L R SUTHENLAND	2 3 3 3 3	5
GRANT DAM 38	3280 3358 3391	BARREN HARD IN BOONE CARTER GREEN	7	37 00 37 54 38 59 36 19 37 16	65 58 84 49 82 57	506 589	5P	MID	US AIR FORCE CORPS OF ENGINEERS SBIRLEY I STATEN MRS WELL M LINGLE	3 3 3 3 2 3	4	5	SI	TEARNS UMMER SHADE SUBSTA 'ATHAM SPRINGS	7677 7805 7924	WASHINGTON MC CREARY METCALFE WASHINGTON SPENCER	3	37 4 36 4: 36 5: 37 5: 38 0:	2 84 3 85 2 85	29 40 09	738 1420 489	MI	TWM N COATLEY O L E CHITWOOD TVA O R C DEDMAN A MRS KATERYN H CARR	3 3 3	4
GREENSBURG BIWAY 61 DR GREENEP DAK 30 GREENVILLE 2 W KALEYS MILL BARTFORD 6 N	3443	GREEN GREENUP MUHLENBERG CHRISTIAN OHIO	3 3	37 15 38 37 37 12 37 03 37 32	85 30 82 51 87 12 67 20 86 54	740	SP	7A 7A 5P 81D 6P	EENNETS STOTTS CORPS OF ENGINEERS C R LOVELL CLEATUS E BRINKLEY W R CARSON SR	2 3 3 3 3 8	4	5	T1	OMPRINSVILLE TEL OFF URKEY CREEK SCHOOL VRONE LOCK 5	8065 8144 8179	KONBOE KONBOE TRIGG ANDERSON UNION	9	36 4: 36 4: 36 4: 38 0: 37 4:	2 85 5 88 2 84	41 05 51	899 899 350 524 357	7	JAMES T PHILPOTT MRS ALICE B RALE TVA CORPS OF ENGINEERS CORPS OF ENGINEERS	3 3 3 3	4
HEIDELBERG LOCE 14 HENGERSON 4 SW	3722 3741 3762	PERRY NICHOLAS LEE BENDERSON CHRISTIAN	5 4 7	37 15 38 24 37 33 37 47 36 44	83 12 84 07 83 46 87 37 87 34	669 660 663 382	6P 4P 6P	7A 6P 6A 6P MID	H A BAILEY MRS G L JENNINGS CORPS OF EMGINEERS FRANK STREET C W KEATTS	2 3 2 3 2 3 3 3	4 4	5 5 5	W.	ANCEBURG DAM 32 AYNESHURG 6 E EST LIBERTY WATER WKS	6259 8486 8551	MADISON LEWIS LINCOLN MORGAN WHITLEY	7 2 5	37 5: 38 3: 37 2: 37 5: 36 4:	83 2 84 5 83	21 34 1	571 525 215 939	7	A CORPS OF ENGINEERS A CORPS OF ENGINEERS A FRANE BOECR A JOEN * TURNER A CHARLES H WEST	3 3 2 2 3 2 3	5 5
SINDMAN SETTLEWENT SCH SODGENVILLE NAT PARK	3899	GRAVES JESSAMINE ENOTT LARUE CHRISTIAN	4 3	36 48 37 49 37 20 37 32 36 52	88 30 84 43 82 59 85 44 87 27	1080	6A 7P	6A 8A MID 8A	TVA CORPS OF ENGINEERS ELIZABETH WATTS C C SELF W R WORRIS	3 3 2 3 3 2 3	4	5	N.	TILLOW LOCK 13 OLF CREEK DAW	8724	GRANT LEE RUSSELL BUTLER	4 2	38 31 37 36 36 53 37 13	5: 83	50 D6	646	7	A MISS N H SIMPSON A CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS	2 3 2 3 3	
JACESON JENRINS WATER WORKS JEREWIAB	4165 4196 4241	LESLIE BRECKERRIDGE BREATHITT LETCHER LETCHER	3 4	37 1D 37 53 37 33 37 10 37 10	83 22 86 17 83 23 82 38 62 56	646 776 1600	7P	6P 7P 7A 7A 7A	MRS FOREST CAMPBELL FLOYD G ROHEINS ROHERT BOHERTSON KENTUCEY WATER CO MRS SUSAN F ISON	2 3 3 3 3		5	31	PENKINS	4236	LETCHER			AT108		600	н	HIBHERT ELEINS	3	4
RENTUCKY DAM LANCASTER ICE PLANT LAURA	4414 4620 4642	JESSAMINE LIVINGSTON GARBARD MARTIN GRAYSON	4 5	37 58 37 DI 37 37 37 45 37 29	84 38 88 16 84 35 82 26 86 18	1032	85	7A 7A 8A 8A 8A	MARION W MAHIN TENN VALLEY AUTH MENTUCKY UTIL CO JAMES A FIELD GEORGE D LITSEY	3 3 3 3 2 3	4	5		‡ DRAINAGE CODE	1 B	ig Sandy, 2 C	onto	erlan				•ntuck	y, 5 Licking, 6 Mleei	seippi	
LIHERTY LITTLE BICKMAN LOCK 8	4755 4825 4857	FAYETTE CASEY JESSAMINE HENRY CLARK	3 :	37 21	84 36 84 55 84 35 84 58 84 02	560	MID	7.4	US WEATHER BUREAD PALLIA L HAMELA CORPS OF ENGINEERS CORPS OF ENGINEERS WAS B BURGEER	2 3 3 3 3 3	4	5													
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AUG 25 1950

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KENTUCKY

NOVEMBER 1949

Volume XLIV No. 11



#### KENTUCKY - NOVEMBER 1949

O. K. Anderson, Section Director - Louisville

#### GENERAL SUMMARY

The advent of November brought the above normal temperatures of October to a close. The month started off with readings below normal and continued cold until the 7th. From the 7th through the 14th, temperatures were generally above normal with the period of the 10th through the 12th much above normal with near record maximum temperatures. The interval from the 14th to the end of the month saw little variation from the average with alternature periods of seasonable and unseasonable readings. However, the lowest temperature for the month in most sections was recorded on the morning of the 22nd. Scattered killing frost occurred on the first day of the month and was followed by a general killing frost on the 6th. The sum total of all these variations was an average temperature of 1.1 degrees below normal for the state as a whole with each division showing negative departures from the mean.

As with the temperature, above normal precipitation was reversed in November. Precipitation was generally unequally distributed over the state and amounts were light with the greatest total being recorded in the northwest and west central sections where amounts in excess of 4 inches were reported. The least amount of rainfall was in the extreme north central, east, and west, with less than one half inch falling in parts of the north central section. November was characterized by unusual thunderstorm activity and in some areas hail accompanied these storms. In many places these thunderstorms accounted for nearly all the precipitation. The greatest amounts of rain occurred on the 13th and again on the 28th and 29th. The first snow of the season fell throughout most of the state but amounts were small and did not remain on the ground for any length of time. All sections reported minus departures from the normal with the state as awhole reporting 1.62 inches below average.

November weather was generally favorable for the maturing and harvesting of farm crops and for farm work with the exception of tobacco stripping. The principal activities during the month were housing of corn, stripping of tobacco, and completion of fall seeding. The condition of tobacco was mostly good with stripping taking place in those areas where moisture content was favorable. By the end of the month about 60% of tobacco was stripped. In many sections this activity was greatly delayed because of dryness. Marketing of tobacco was increasing towards the close of the period. The housing of corn progressed rapidly during the month and by the end of November most of the corn was housed with the condition of the crop good. Pastures were gradually failing and stock feeding was becoming general and rather heavy in the southeast. Fall seeding was mostly completed and with favorable weather fall grains showed good growth. Combining of soybeans was finished throughout the state. Killing frosts occurring at the beginning of the month caused little damage due to the general completion of the harvest. Rainfall was needed in most areas especially for tobacco stripping. The development of crops and general farm activity were near the seasonal normal at the end of the month.

W.S.

#### TEMPERATURE

The mean temperature for the state was  $45.4^\circ$ , which is  $1.1^\circ$  below normal for the month. The monthly mean temperatures ranged from  $48.5^\circ$  at Murray to  $41.6^\circ$  at Farmers and Hindman. The highest temperature recorded in the state was  $80^\circ$  at Beaver Dam, on the 11th, and the lowest  $11^\circ$  at Shelbyville on the 22nd.

#### PRECIPITATION

The average precipitation for the state was 1.82 inches, which is 1.62 inches below normal for November. The total amounts recorded at various stations ranged from 4.10 inches at Delphia to 0.43 inch at Covington. The heaviest rainfall reported in any one day was 2.20 inches at Georgetown on the 28th and at Flemingsburg on the 29th. The monthly average of snowfall was 0.3 inch or 0.2 inch less than normal. The greatest monthly amount was 5 inches at Benham; the least a trace at several stations. The greatest depth on the ground was 1 inch at Benham on the 19th.

#### ACKNOWLEDGMENTS

ACRONIA addition to the climatological data from some 6,000 Westher Bureau and cooperative weather attitude that it is a superative weather attitude and cooperative weather attitude and the second content and the second content at the second content at the second content at the second content at the second content at the second content at the second content at the second content at the request of the Corps of Regimeers, Department of the Army, to supplement existing precipitation stations in order to provide for control and related works by the Corps of Regimeers, Department of the Army, to supplement at the second control and related works by the Corps of Regimeers. This Network, now numbering about 2,000 recording, and 1,000 non-recording ratio green, and the second control and record control and the second contro

Previous to the introduction of this bulletin Series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued nonthly for each of 8 drainage areas enbrocking the entire United States, but since the Network was catablished to see the previous and the second of the second

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

## SUPPLEMENTAL DATA

	Wind	direction		Wind	speed p h		Relati		dity ave	tvům		Num	ber of d	ys with	ргестр	itation			) per l	
Station	Prevailing	percent of time from prevailing	Average	Fastost	Direction of fastest mile	Date of fastest mile					Trace	0010	10-49	20-99	86 1-00	2 00 and over	Total	Percent of possible sunshine	Average sky cover suprae to st	Degree day
GTON AIRPORT VILLE AIRPORT	SSW	28 16	13.2	29	SW	18	77 70	81 77	54 51	65 59	2 4	5 5	2	1 2	1 0	0	11 12	59	5.0 5.1	825 558

## COMPARATIVE DATA

Т	able 1								COIVI	LAI	WII.	VE D.	מות								
-		T	mperatu	re	Pr	ecipitati	on		Te	emperatu	10	Pi	ecipitatio	n		Te	emperatu	re	P	recipitation	on
	Year	Average	Highest	Lowest	Āverage	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more
	1889 1890 1991 1892 1893	43.1 48.6 43.5 42.8 44.3	85 81 75 78 79	10 19 10 ,9 - 2	6.04 4.87 6.04 3.85 3.12	-		1912 1913 1914 1915 1916	45.2 50.5 46.9 49.8 47.8	82 81 83 85 83	10 8 5 16 8	1.22 3.25 1.23 4.80 1.52	0.2 0.9 0.4 0.4 T	4 9 5 9	1935 1936 1937 1938 1939	47.3 42.9 43.2 47.9 43.6	85 81 82 83 79	11 10 6 2 14	3.80 3.50 1.63 3.68 1.16	3.4 0.6 3.7 T	11 5 9 9
	1894 1895 1896 1897 1898	43.3 45.8 49.3 47.8 43.2	80 85 80 78 80	8 16 11 12 10	1.32 4.29 5.01 4.69 2.79	- T 0.5	4 7 8 10 8	1917 1918 1919 1920 1921	44.3 46.1 47.4 44.7 49.8	78 77 78 79 79	11 19 16 10 20	1.23 1.90 7.31 2.21 7.96	0.1 0.0 T 2.8	5 6 9 8 12	1940 1941 1942 1943 1944	45.8 46.0 49.8 44.5 46.5	80 85 80 85 84	6 9 18 13	3.70 2.80 4.88 1.33 2.45	0.9 T T 0.2 0.2	11 8 13 4 9
	1899 1900 1901 1902 1903	49.8 47.0 41.8 42.5 42.5	79 83 82 90 81	20 15 11 20 5	2.12 7.78 1.52 4.42 3.01	T 1.0 T 0.3 2.0	8 8 4 11 8	1922 1923 1924 1925 1926	48.3 46.4 47.7 44.9 42.9	87 75 83 73 80	10 16 13 8 0	1.93 3.65 1.82 5.13 3.40	0.4 0.0 0.1 0.1 2.0	6 9 9 7 9	1945 1946 1947 1948 1949	48.1 51.2 44.2 49.7 45.4	86 88 70 87 80	16 15 11 18 11	5.64 3.45 2.82 7.71 1.82	0.1 0.0 T T 0.3	12 8 10 14 6
	1904 1905 1906 1907 1908	44.7 46.4 46.1 44.2 48.6	79 79 93 75 80	14 14 11 15 8	0.89 3.55 5.02 3.49 2.61	T T 2.3 0.1 0.2	3 7 7 7 7	1927 1928 1929 1930 1931	51.3 46.8 44.6 47.1 55.0	82 78 81 86 84	13 10 - 9 - 4 19	5.01 3.93 4.03 1.82 3.52	0.1 T 3.0 1.0	10 10 11 10 10	PERIOD	46.5	93	- 9	3.44	0.5	
	1909 1910 1911	54.7 41.1 41.6	86 78 85	19 11 9	2.29 2.04 4.51	T T 0.8	6 6 8	1932 1933 1934	43.8 45.5 50.5	78 85 84	11 10 14	2.71 1.54 2.85	0.4 T T	9 5 7							

Table 2																		
				Temperat	ure							- 1	Precipitation	on				
		normal					No. of			normal			Snow.	, Sleet, Ha	ū	No	of day	-
Station	Average	Departure from n	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from n	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
VESTERN DIVISION  EAVER DAW FORDS FERRE DAW SO FORDS FERRE DAW SO FORDS FERRE DAW SO FERDEDSON 4 SW FERDEDSON 4 SW FERDEDSON 4 SW FERREDSON 5 FIRE STA FRINCETON  DIVISION CENTRAL DIVISION	47.8 46.9 48.2 47.4 45.5 48.0 45.7 47.9 48.5 47.6 47.6 46.5 47.1	0.3 1.0 -0.1 -2.8 0.2 -0.6 0.8 -1.5 -0.9 -0.6 -0.4	80 78 77 77 77 77 78 78 79 77 79	11 10+ 12 10+ 12 10 13 12 10 12 10 11 10 10+	19 21 20 18 19 17 19 16 17 18 20 15	22 22 22 22 22 22 22 22 22 22 22 22 22		13 12 11 12 17 14 16 15 14 17 12 13 23	1.47 .95 2.19 1.13 1.32 .83 3.19 .85 1.17 1.26 .79 .71 1.17	-1.77 -2.20 -1.25 -2.34 -2.67 -2.67 -2.88 -2.14 -2.01 -3.13 -2.50 -2.31	.67 .75 .92 .83 1.20 .83 1.70 .79 1.11 .50 .71 .84	28 13 13 13 13 12 13 13 13 13 13 13 13 13 13 13 13 13 13	T T T T T T T			5 3 6 4 2 1 4 2 3 4 2 1 2	2 1 3 1 1 3 1 1 2 2	1 1 1
ANCHORAGE BOWLING GREEN WB AP BURGIN DIX DAM BURGIN DIX DAM COVINGTON WE AP DANYLLE FRANKFORT LOCK 4 GREINBORG LEXINGTON WE AP LEXINGTON WE ARP LEXINGTON WA AIRPORT LOUISVILLE STAN WE AP MAMMOTE CAVE PARK ST JOIN BETHELBEH MCAD SCIENCE HILL STEELSTEEL HILL STEELSTEEL HILL STEELSTEEL HILL STEELSTEEL HILL STEELSTEEL HILL STEELSTEEL HILL STEELSTEEL HILL DIVISION DIVISION	44.4 45.3 46.8 43.5 44.9 44.4 43.9 46.7 46.9 44.2 46.6 47.6 47.5 43.0 42.9 45.5	-0.2 -2.9 -0.7 -0.7 -1.9 0.1 0.2 -0.6 1.6 0.1 3.5 -1.4 0.9 -1.9 -2.3	78 76 78 77 74 77 77 77 77 75 75 75 76 76 76 75 78	12 11+ 11 12+ 12 12 12 11 11 11 11 11 12 11+ 12 11+ 12 11+ 11- 12+ 11+ 11- 11- 11- 11- 11- 11- 11- 11- 11	15 18 17 17 17 19 20 21 19 18 19 22 25 16 17 21 17 21 17	22 22 22 22 22 22 22 22 22 22 22 22 22	TOTAL MARKET	17 17 11 21 9 14 19 19 13 12 16 10 7 11 17 14 12 21 21	1.57 1.04 2.00 1.98 43 1.98 2.71 1.77 1.42 1.36 2.53 1.56 2.30 1.05 2.30 1.05 2.04 1.22 2.04	-1.48 -2.79 -1.06 -1.34 43 -1.80 -1.71 -2.43 81 -2.05 -1.99 -2.19 -1.32 -1.64	.55 .47 .84 .84 .17 .68 .82 .52 .56 1.12 .63 .66 1.14 1.01 .36 .58 .88 .53 .49	13 13 13 13 28 13 28 13 28 28 28 24 29 24 13 29 25	T T T O . 6 T T T T T T T T T T T T T T T T T T	T T T	25 18+	11 7 5 7 9 8 5 11 5 9 8 7 6 6 3 8 10 7	2233322333222443223112	1 1 1 1
RASTERN DIVISION ASSILAND DAM 29 BENAM BEREA COLLEGE COMBIN CAA HEIDELBERG LOCK 14 HEIDELBERG LOCK 14 HIDELBERG LOCK 14 MINSVILLE DAM 33 MIDDLESBORD MINSVILLE DAM 31 LICHARD SURFACE BERGER COL TILLIAMSBURG DIVISION STATE	44.7 42.8 45.4 44.3 41.6 44.1 45.6 41.6 44.2 45.2 46.5 44.6 46.7 44.4	-2.1 -0.4 -3.4 0.1 -1.0 -1.0 2.1 -2.6 -0.2 -0.9	78 73 75 75 77 77 77 77 74 78 74 77 76 77	12 10 11+ 13 12 11+ 13 13 12 12+ 11	25 23 20 22 18 18 22 20 23 23 22 20 22 23	22+ 6 22 6 23 22+ 6+ 23 23 6+ 22 22 22 23		17 20 12 22 25 18 19 23 17 16 12 12 17	3.11 2.94 2.20 1.54 2.70 3.17 1.51 2.20 2.02 2.45E 2.05 2.14 2.34	.12 -1.01 30 -1.19 85 -1.35 97 -1.03 -1.09 -0.85	2.04 1.13 .82 .57 1.03 1.75 .55 .98 .89 .61 .85	29 25 29 24 29 28 25 29 24 13 29 24	5.0 T T 0.4 T T 0.5 1.4 T 0.7	T T	19 26 18+	8 12 7 8 10 4 7 8 5 5 5 8 7	2 3 3 2 3 3 2 4 3 3 4 3 3 4 3	1 1 1

### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Montbly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in F\*, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Dureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

As of January 1, 1949, despoint values below 32°F, and relative bundity values at temperatures below 32°F, are expressed with respect to sater rather than with respect to ice, as used prior to that date. Therefore, these bygro metric values before and after January 1, 1949, cannot accurately be combined without necessary conversion.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Amounts in Table 4 are from recording gages. Traces are not shown.

No Record in Tables 3, 4, 6, 7 and the Station Index is indicated by a dash. No Record in Tables 2 and 5 is indicated by no entry. When bourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the 5tation Index for observation time

- + And also on a later date or dates.

  Anount included in following measurement, time distribution unknown.

  Anount included in following measurement, time distribution unknown.

  Gage is equipped surface at 6-hourly intervals, no recording gage.

  B Adjusted to a full month.

  Water equivalent of smootfall wholly or partly estimated, using a ration of 1 inch water equivalent to every 10 inches of new smootfall.

  Whose or more days of record missing; see Table 5 for detailed daily

- R Station equipped with recording gage only.
  Storage precipitation station. Precipitation measurements, made at irregular intervals will be published in the June issue of this publication.
  The publication of the publication of the publication of the publication of the publication.
  I includes total for previous month.
  E Nourly amounts from a recording gage at the same site may be found in Table 4.

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AN MUNICADE   AN ALTERNAL PRINCE   ALTERNAL PRINC	6 .01 6 02 6 02 6 02 6 02 6 02 6 02 8 6 02 8 6 02 8 7 03 8 8 02 8 03 8 0	.36 .36 .36 .36 .30 .00 .00 .22 .36	.47 .32 6 .37 2.04 80 .16 7 .12 8	30	1 . 2 . 1 . 2 .	40 91 67 58 11 95 51 47
ARENDAGE  ARENDA	0 6 02 6 06 7 03 8 6 6 02 06 7 03 8 6 6 02 06 7 03 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	67 21 .06 .06 .06 .27 .36	8 .37 2.04 R0 .16 7 .12 8 .52 8 .52 6 .27 7 .13		1 . 2 . 1 . 2 .	91 67 58 11 96 51 47 94
BEAVER BLAY  REAR COLLINGE  COMBINED AS  CONTROL 3  CON	0 3 .20	23 .06 16 .06 .27 .36	16 7 12 1 6 0 62 8 52 6 27 7 13		1. 2. 1. 2.	51 47 94
NEMBER COLLEGE T	2 1 3 5 5 7 14 5 .12 2 .08 5	18 .06 .27 .36	6 .52 6 .27 7 .13 6		2. 1. 1.	97
REMET NA 15 6 0.66 T 0.	5 T 4 15 .12 5 .08 5 6	T			1.	.20 R1 .20 .27
CAMPBELLYNIAR	6		.01 .37 6 .15		1. 2. I.	.95 .19 .0D .65
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000000	18 ,03 3 10 T	.10	2,00		1. I. 4.	.96 .65 .10 .50
TARMSTOTT  06 T  28 T  06 03 T  1.1 T T  1.1 T T  1.1 T T  1.1 T T  1.1 T T  1.1 T T  1.2 T T  1.3 T T  1.3 T T  1.3 T T  1.4 T T  1.5 T T	18	1.10 .04 .20 .21	0 .06		1.	.00 .10 .97
TROB LOCK 10 .12 T T .5.5 .23 .02 .15 T .300 .15 T .300 .15 T .300 .15 T .300 .15 T .300 .15 T .300 .15 T .300 .15 T .300 .15 T .300 .00 T .300 .00 .300 .00 .300 .00 .300 .00		1.64	.5B 1.03			.98 .15 .70 .05 .82
GEORGETOWN WATER WORKS .85 .06 .85 LOCK .87 .07 .07 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	08 31 T	1.64	.12 1.56		2.	. B5 . 71
GLASCOW 85 0.3 T 85 0.2 0.0 0.6 0.2 1.4 0.0 1.5 0.2 0.7 T 4.1 0.0 0.7 0.2 T	10 T	.0:	1 .59 2 T .15			.83 .23 .48 .65 .25 .77 .45
GREENUP DAN 30 T .08 .17 .58 .03 .03 .01 T .3 GREENULLS 2 T .08 .04 .92 .11 HINTSY MILL P .03 .01 4.30 .07		. 4:	,18 1,09 2 ,58			.77 .45 .34 .19 .54 .32 .30
	15 55 04	1.00	.60		2. 2. 3.	.32 .30 .17 .51 .13 .14 .67
REENDON R 1.09 .05 .67 .67	32 .05 74 .03		, 3B		2,	.05
80PKINSVILLE 2 E 1.20 1.20 1.06 1.06		1.1:	3 .02		3.	.28 .32 .00
SERRIFIA NIER WUREN	55 15 .02 38 .10 .03	.05	1.60 .80 1.28		3. 2. 3.	.42 .95 .84 .71 .47
ENTICET DAY 2 T T T T T T T T T T T T T T T T T T		.3:	,59 12 15 .31		1. 2. 1.	.44 .80 .60 .15 .36
UBBNT   2	18 12 15 .03	. 4:	5 1,05 .49 .54		1.	.53 .31 .91 .41 .82
MOTISTRIAL MOPMARY FLD R   0.3   0.2   0.2   6.1   0.0   0.1   2.0   0.5	06 09	.6:	3 3			.05 .37 .56 .80 .62
	08 05 06	.8	17 10 ,64 15 1,30			.83 .52 .19 .46
MATTERLO 25 T	15 T	. 84	.98		2. 1. 2.	.77 .85 .20 .61
MILERSOFUR R/ 04 02 .91 .39 0 WILERSOFUR CLU	8 . 12	2.10 .20 .16 1.55	0 ,16		1. 3. 1. 3.	.92 .52 .26 .85
MODEL STREETING   .22   .88   .14   .20 T		.70 .0- 1,50	8 .10		2. 1. 3.	.451 .17 .34 .70
OFFISSION ON 46 Z	13 T		,27			

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## DAILY PRECIPITATION

KENTUCKT OVEMBER 1949

2	Day of month															Total																
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	I5	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	P P
PINEVILLE PLEASUREVILLE 2 S PRINCETON RAVENNA LOCK 12 RICHMOND E STATE COL	.20	.20	.18	.08 .02 T	т		т						.84	.42 .51 .25			.04 T	.03 .11 .19	.02		т	,06		-	.91 .49 .52	.09		.33	.41 .85 .18			2.38 1.17 1.45 2.05
RUMSET LOCK 2 Z RUSSELLVILLE RUSSELLVILLE SSUBSTA SADIEVILLE WATER WORES R ST JOHN SETELRHEM ACAO	.01	.04	.02 .02 .02 T										.88 .81 .88 .48	.02 T				.01						.38	.22 .02 .30			.05 .03 .88 .10	.35			1.52 1.18 1.93 2.30
ST MARY SALVISA LOCK 8 SALVERSVILLE R// SCIENCE BILL SCOTTSVILL8	.01 T	.03	.08 .15 T	.01									.87 .72 .30 .30 .58	.06			.04 .02 .02 T	.03 .14 .08 .03			Ŧ			.23 .40 .38 .27	.10 .37 .12 .12 .07	.04 T		.35 .18 .05	.93 .05 .19			1.45 2.37 1.29 1.05 .92
SEBREE WATER WORKS SHELBYVILLE 2 W SHEPHERDSVILLE SMITHFIELD 4 S R SPRINGFIELD		T -	.07									T	.87 .48 .84 -	.01		т	.05 .04	.15 .06 .07			T			.08	.10 .27 .30 .03	.10		.58	.07 .88 1.37			1.18 2.04 2.47 
STEARNS R SUMMER SHADE SUBSTA TATHAN SPRINGS R TATIORSVILLE TOMPKINSVILLE R	.15	.07	.14 .10 .01 .12 .02	т									.20 .37 .55 .50 .44	т			.03	T .12		-	,			1,37 ,28	.33 .07 .34 .85	т		.83	.03 1.17			1.94 .83 1.79 2.28 1.33
TOMPKINSVILLE TEL OFF TURKEY CREES SCHOOL TYRONE LOCK 5 UNIONTOWN DAM 49 Z VALLEY VIEW LOCK 9			.08 .02 .10	.01									1.23 .88 .85	.05		т	т	.13				т			1,03 .45 .12 .41	т		. 23 T	1,00 .11 .30			1.46 2.40 1.10 1.83
VANCEBURG DAM 32 WAYNESBURG 6 8 WEST LIBERTY WATER WKS WILLIAWSBURG WILLIAWSBURG WILLIAWSTOWN	.12	.10	.10	T .01									.38 .50 .08 .05	.71 .10 .14 .35			.04	.05 .03 T	.18		т	.10 T		. 85	.39 .57 .42 .02	.03		.85	1.36 .51 .27			3.02 I.88 1.19 2.14 1.22
WILLOW LOCK IS WOLF CREEK OAM Z WOODSURY LOCK 4 Z	. 03		.04										.43	. 28			т	.21						-	.49	.04		.13	.47			1.17

#### m 11 F

#### SNOWFALL AND SNOW ON GROUND

Table 7		_			21/	-		AI	ш	A	ND.	اد.			_	14	Gr	10						_								
Short .																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BEAVER DAM	SNOWFALL SN ON GND																					т							т			
BENHAM	SNOWFALL SN ON GND	1.0 T		1.0 T				T										1.0 T		1.5			т				0.5 T					
BOWLING GREEN WB AP	SNOWFALL SN ON GND			т																		T				т			Т			
CORBIN CAA	SNOWFALL SN ON GND			т														т	т			Т	т			т	Т					
COVINGTON WB AIRPORT	SNOWFALL SN ON GND		T	т	т													т	т			0.2				T	Т					
DANVILLE	SNOWFALL SN ON GND			T															1.2 T				т			1.2 T	T					
FARMERS	SNOWFALL SN ON GND																		т				Т				0.4 T			į		
FORDS FERRY DAM 50	SNOWFALL SN ON GND																						т			т						
HEIDELBERG LOCK 14	SNOWFALL SN ON GND																		T		Т	T	т									
HINDMAN SETTLEMENT SCH	SNOWFALL SN ON GND	т																	1													
IRVINGTON	SNOWFALL SN ON GND																					Т				Т						
LEXINGTON WB AIRPORT	SNOWFALL SN ON			T														0.6				т				Т			Т			
LOUISVILLE STAN WB AP	SNOWFALL SN ON GND																	т	т			т			Т	Т						
HAMMOTH CAVE PARK	SNOWFALL SN ON GND			T														т				т				Т						
MAYSVILLE DAM 33	SNOWFALL SN ON GND																		т	т			0.5			Т	Т					
MURRAY	SNOWFALL SN ON GND																					т										
OWENSBORO	SNOWFALL SN ON GND																					т										
PADUCAH CAA	SNOWFALL SN ON GND																					Т										
SCOTTSVILLE	SNOWFALL SN ON GND																					т										

NOVEMBER 1949

T	u	ı.	L.	4	
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		A M. Hou	ar ending	P M. Ho	ur ending	1
Station	1 2 3	4 8 6	7 8 9 10 11 1	2 1 2 3 4 5 6	7 8 9 10	11 12
BAXTER RARLAN WATER WKS COMBIN C AA  6 DAVELLA HAZARD JENKINSBORO R STA HIDUSBORO R STA STARNS STARNS	.01 .01 .01 .01 .01 .01	.03 .07 .04 .01 .02 .01 .02	.02 .03 .05 .05 .05 .05 .05 .01 .01 .01 .01 .02 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	-lst- -01 .06 .02 .01 03 .06 .04 .02	.01	21 17 34 .18 28 23 .01
ADDISON DAM 45 ADDISON DAM 45 BREWA COLLEGE BREWA COLLEGE DUNNE BARRETTS FORD BR ENDOTTON BROWNING POST OFF RALEYS WILL RACARD LACK NOT BROWNING STATEMENT OF BROWNING STATEMENT			-	-2d- .01	.01 .03 .01 .02 .02 .01 .01 .01	.04 .06 .10 .04 .01 .02 .02 .03 .05 .09 .07 .01 .01 .01 .02 .04 .03 .02 .07 .05 .02 .04 .03 .02 .07 .05 .02 .09 .09 .05 .02 .09
LIBERTY LITTLE COMMIN DOCK 8 LITTLE LITTLE LITTLE ROYALD FOR LITTLE ROYALD FOR LITTLE ROYALD FOR LITTLE ROYALD FOR LITTLE ROYALD FOR LITTLE ROYALD FOR LITTLE ROYALD FOR LITTLE ROYALD FOR LITTLE ROYALD FOR LITTLE ROYALD FOR LITTLE ROYALD FOR LITTLE ROYALD FOR ROYAL				.0.	.02 .01 .01 .03 .03 .03 .01 .01 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	022 044 044 044 011 02 03 02 03 02 09 09 01 07 08 01 07 08 01 01 01 02 03 03 02 02 02 03 03 03 03 03 03 03 03 03 03 03 03 03
ADOLPHUS I N BATTER BARLAN WATER WKS BEREA COLLEGE CORDIN CAA  COVINCTON W B AIRPORT DAYBLLA DUNNDE BARRETTS FORD BR FLEN MGSBURG POST OFF GRST LOCK 3	.01 .01 * .01 .03	.05 .05 .01 * * * .02 .03	0.01 04 .02 .02 .02 .01 .01 .01 * .09 * * * * .03 .05 .06 .05 .04 .02	-3d01 .01 .03 .01 .01		.01 .23 .05
BALEYS WILL  BAZARD  REIDELBERG LOCK 14  // JENKING  JENKING  LIBERIT  LIBERIT  LIBERIT  LIBERIT  LIBERIT  LOGISTILLE BOWAN FILD  LOUISVILLE STAN W B AP  MATSVILLE DAM 33  LC KINNEYSORG  // MATSVILLE BOWAN FILD  LOUISVILLE STAN W B AP  MATSVILLE BOWAN STAN  LC KINNEYSORG  // MATSVILLE BOWAN STAN  MATSVILLE BOWAN STAN  LC KINNEYSORG  // MATSVILLE BOWAN STAN  MATSVILLE BOWA	.01 .02 .01 .01 .01 .02 .04 .01 .01 .01 .01	.06 .10	.01 .09 .04 .06 .02 .04 .01 .01	.01		32 01 01 03 01 01 01 22 111 42 02 01 02 05 12 07 07
WHEREAD STA TEACH COL WORDSON, THE COL WORDSON, THE COL WORDSON, THE COL WORDSON, THE COL WORDSON, THE COL WORDSON, THE COL SAN TEN THE WORKS SAN TERVILLE SMITTER THE LED 4 S THE THE THE COL	.10 .06 .01 * * * * .01 .03 .05 .03 .01 .01	.02 .01  * * .11 .01 .01 .02 .04 .01	.02 .05 .03 .03 .05 .01 .02 .02 .05 .01 	.01 .01 .01 .		. 19 . 03 . 11 . 01 . 22 . 02 . 15
ADDISON DAM 45 ADOLENIS 1 W// ADOLENIS 1 W// ADOLENIS 1 W// ENTRAL CITY CLHYRON CENTRAL CITY CLHYRON FRANKLIN WATER YORK DR FRANKLIN WATE				.12 .01 .06 .01 .01 .01 .00 .01 .01 .00 .01 .01 .01	1 2 39 .21 5 .35 .39 .16 .01 .01 .47 .14 .01 .01 .01 .01 .02 .02 .01 .01 .01 .01	.18 .14 .36 .03 .10 .80 .11 .8 .14 .36 .11 .10 .11 .10 .11 .10 .10 .10 .10 .10
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KENTUCKY NOVEMBER 1949

A M Hour ending P M Hour ending Station 2 3 5 6 7 8 9 10 11 12 2 3 5 6 7 8 9 11 CARROLLTON LOCK 1
CENTRAL CITY
CLINTON
CORBIN CAA
COVINGTON W B AIRPORT
OAVELLA
OUNDEE BARRETTS FORD BR 02 35 02 04 . 20 . 13 . 03 . 02 .11 . 02 .01 .05 . 01 .28 .33 .31 .24 .50 .31 .07 .52 .23 .05 .62 .27 .83 .61 .51 .51 .62 .84 .02 .84 .02 .84 .80 .43 .53 .83 OUNDEE BARRETTS FORD
EOMONTON
FLEMINGSBURG POST OFF
FRANKLIN WATER WORKS
GEST LOCK 3
BALEYS MILL
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HEIDELBERG LOCK 14 01 03 20 02 01 .09 01 11 01 01 na 07 06 . 01 BAZARD

BAZARD

HEIDELBERG LOCK 14
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HEIDELBERG LOCK 14
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LEXINGTON WB AIRPORT

LEXINGTON WB AIRPORT

LEXINGTON WB AIRPORT

LOUISA LOCK 15

LOUISA LOCK 15

LOUISA LOCK 18

LOUISA LO .01 . 02 . 01 . 01 . 02 . 03 .06 . 02 02 . 03 . 09 . 12 .07 02 .05 .03 .08 .09 01 . 01 .02 .01 .21 . 26 10 10 01 . 18 . 10 12 11 .01 .73 .13 .26 .11 .48 .67 . 05 . 06 . 10 -. 19 .02 .01 . 09 01 02 . 01 . 03 . 02 07 . 03 . 01 . 07 02 .20 .55 .44 .05 .38 .10 .07 . 01 02 . 01 20 . 01 . 10 -15th-. 01 COVINGTON W B AIRPORT 6 -16th-BAXTER BARLAN WATER WKS
COVINGTON WE AIRPORT
FLEMINGSBURG POST OFF
BODGENVILLE NAT PARK
LEXINGTON WE AIRPORT
MAYSVILLE OAM 33
MC KINNEYSBURG
MOREMEAD STA TEACE COL
OLIVE BILL .01 .01 .04 .02 01 . 01 01 . 01 .03 -17th-. 03 . 01 . 01 AOOISON OAM 45
BAXTER BARLAN WATER WKS
BERRA COLLEGE
CARROLLTON LOCK 1
CORBIN CAA
COVINGTON W B AIRPORT
OAVELLA
FLEWINGSBURG POST OFF
RAZARO 01 02 . 01 01 .01 .03 .02 .04 .07 .02 .10 01 02 ONVELLAGE OF A CONTROLLED ON THE PROPERTY OF T .01 . 01 . 01 02 .01 .01 .01 .01 .01 02 . 01 .02 .09 .08 .10 .01 .08 02 . 01 . 01 .08 . 02 .01 .02 .04 .02 .01 01 . 01 .01 . 01 -18th-BANTER BARLAN WATER WKS
BEREA COLLEGE
OAVELLAS BURDEN POST OFF
FLEWINGS BOFF
FLEWINGS BOFF
BRAZARO
HEIGHBERG LOCK 14
JENKISS
HEIGHBERG HOCK 14
JENKISS
HEIGHBERG HOCK 14
LITTLE RICHMAN LOCK 8
LUTTLE RICHMAN LOCK 8
LUTTLE RICHMAN LOCK 8
LOUISVILLE BOWMAN FLD
MAYSVILLE OMM 33
MOREFEAG STA TEACH COLPICKYILLE
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Table 4-Continued

NOVEMBER 1949

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		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
XTEM HARLAN WATER WAS WILING GREEN WB AP VINDTON W B AIRPORT MONTON NOINS DDLESBORO RR STA REHEAD STA TEACH COL KEVILLE	6										.01	.05	-21 .02	.03	.01	.01	10.	10.		.02					
VINGTON W B AIRPORT RMINGSBURG POST OFF REHEAD STA TEACH CCOL KEVILLE	6	.02	.02				. 05	.01		. 01	10.	_	-24	th-											
DISON DAM 45  LIPBUS 1 N THER HARLAN WATER WKS LEA COLLEGE FLING GREEN WB AP RECOLLED LOCK 1  TRAL CITY	//										. 02	. 02	.08	.01 .05 .10 .04	.05	.04	.01 .01 .12 .02	.06	.01	. 33	. 14	.03		.09	.03
IBIN CAA 'INGTON W B AIRPORT 'ELLA 'IDEE BARRETT'S FORD BR (ONTON 'ONLINE'SBURG POST OFF	6										.02	.03	. 20	. 12	.03	.03 .01	.06 .02 .05	.01	.02	. 07	. 57			. 17	. 06
DS FERRY DAM 50 NKLIN WATER WORKS T LOCK 3 ARD DELBERG LOCK 14 GENVILLE NAT PARK KINS KINS	//	-	-	-	-	-	-	-	-	-	-	.01	.02	.05	.04 .04 .12 .01	.08	.09	. 18	.13	.01	. 27	. 17	.02	. 04	.03
THE BICKMAN LOCK 8 LICK 1 S HISA LOCK 3 HISVILLE BOWMAN FLD HISVILLE STAN W B AP HISVILLE WB CITY HAS	//												.05	.04 .07 .07 .10 .08 .22	.03	.02	. 12	. 04 . 05 . 02 . 02	.03	. 15	.04	.01	.01	. 02	.01
AS ISONVILLE 1 SE SVILLE DAM 33 KINNEYSBURG DDLESBORO RR STA LERSBURG LEREAD STA TEACB COL IFORDVILLE	//						_	_	_		_	_	. 14	.01 .06	.09 .01	.02 .05 .02 .05	.11	.03	.01	.01	.08	_	_	. 02	.08
VE BILL INSBORO DAM 46 NUCAB CAA LEVILLE SESY LOCK 2 NEVILLE WATER WORKS MARYS COLLEGE JTERSYILLE								•				.11	.07	.03	, 11	. 10	.18	.01	.01	.01	. 07		.01	.01	.04
TERSY LLE THE FIELD 4 S ARMS PAM SPRINGS PAN SYLLE ONTOWN DAM 49 F CREEK DAM	//										. 01	.04	.02	.06	.01	.08	. 07	.05	.01		:		.14	.04	. 01 . 01 1. 37 . 02
DISON DAW 45	//	.04		. 03			01				.02	. 02	:81 -25	.18 th—	. 07	.01	.06	. 02	.11	.01					
ILPHUS 1 N TTER HARLAN WATER WKS LEA COLLEGE LING GREEN WB AP ROLLTON LOCK 1 TTRAL CCITY ELLA	//	.02	.01	.00	.02	.01	.01	.01			. 01														
DEED BARRETTS FORD BR HONTON SHINGSBURG POST OFF HOS FERRY DAM 50 LINELIN WATER WORKS ST LOCK 3 AARD		.01 .02 .03 .01	.02 .03 .02 .02 .02	.01	.01	.01	.01	.01	-	-	-	.02	-	-	-	-	_	-	-	-	-	-	-	-	-
DELBERG LOCK 14 GENVILLE NAT PARK	'/ <sub>1</sub>	.01	.03 .03 .01 .03	.01 .01 .01 .02	.02	.01	.01	.02	. 02	. 02	. 02	.02		.01	. 02	. 01							. 02	. 01	. 01
IKINS LINGTON WB AIRPORT BERTY THE BICKMAN LOCK 8 LICK 1 S DISA LOCK 3 DISA LOCK 3 DISYILLE BOWMAN FLD DISVILLE STAN W B AP DISVILLE WB CITY AS	77	.06 .01 .02 .04 .04 .02 .03 .01	.06 .01 .01 .02 .02	. 12	.03 .01	. 02	.02	. 01	. 02		. 01	. 02	.01				.01	.01							
DISONVILLE 1 SE KINNEYSBURG DDLESBORO RR STA LLERSBURG REHEAD STA TEACH COL MFORDVILLE IVE BILL	//	.02	.02	.01	.02	-	_	. 02	.01	. 02	.01	.01	. 03	-	_	-	_		-	-	_	-	-	_	-
IVE BILL ENSBORO DAM 46 REVILLE MSEV LOCK 2 DIEVILLE WATER WORKS MARYS COLLEGE LYERSVILLE	//	. 05 . 01 . 01 . 01 . 01	. 04	.02	.10	.01	.01	.01	. 01		.01	. 01		. 01											

NOVEMBER 1949

Table 4-Continued						A 1	M. Hou								_			PN	4 Hou	ar end	ina					
Station															2	3	4	5	6	7	8	9	10	11	12	Total
		1	2	3	4	5	6	7	8	9	10	11	12	1		3	*	3		-			10		12	
TOWPKINSVILLE UNIONTOWN DAM 49 WOLF CREEK DAM WOODSURY LOCK 4 JENKINS	//	.02	.01	.01	.01 .02 .01	.01	. 85	. 02		.01	.01	.01	-26	th-												. 85 . 06 . 10 . 05
JENKINS MOREHEAD STA TEACB COL		.02						.01				_	-28	th-												.02
ADDISON DAM 45 BENTON 1 SW BEREA COLLEGE	//		.01				. 09	. 04	.05	.05	.23 .01 .01	, 02										. 12	.01	.01	. 73	. 48 . 05 . 87 . 35
BOWLING GREEN WB AP CARROLLTON LOCK 1 CENTRAL CITY CLINTON CORBIN CAA	6		.01			. 06		.14	.23	. 04		.05	.02	.03	.01						. 05	:	. 13	:	.01	.18 .74 .01
COVINGTON W B AIRPORT DAVELLA DUNDEE BARRETTS FORD SR FLEMINGSBURG POST OFF FORDS FERRY DAW 50	6						*	.04	*		1.28	.01	.21	.05	.48	.02	.01		.01			. 02	.03		.02	.10 1,32 1,88 .08 .58
GEST LOCE 3 HAZARD HEIDELBERG LOCE 14 BODGENVILLE NAT PARK LEXINGTON WB AIRPORT	//		. 01	.01	. 01		. 01	. 10	. 05	.04 .01 .13 .01	.01	. 05	.01		.05								.01	. 0	.10	.15 .18 .20 1.12
LIBERTY LITTLE BICKMAN LOCK 8 LOGLICK 1 S LOUISA LOCK 3	//						:	:	.01	. 13		.02	. 10	. 05	. 05	•		•	·		•	. 02	.01	.0	.03	.48 .43 .21
LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY LUCAS MADISONVILLE 1 SE					.01	.08	.01		.03	1	. 24	.07	.02	. 01	.02	.01	.16	.01	. 01			.11	. 65		.17	1.43
MAYSVILLE DAW 33 MC KINNEYSBURG MILLERSBURG MOREHEAD STA TEACH COL MUNFORDVILLE	//						.18	.01		.06	.16	. 38	.04	.11	. 28	.04	.08				.0	ı	.01	.2	7 .44	2.10 1.55 .25
OLIVE BILL OWENSBORO DAM 46 PIKEVILLE RIMSEY LOCK 2							. 03	. 04				. 02	.01									. 30			. 05	.33 .0B .41
SADIEVILLE WATER WORKS ST MARYS COLLEGE SALYERSVILLE SMITHFFELD 4 S STEARNS	//							.01	. 11	.02	.01	.03	.10	.01				. 01	. 0 :	. 0	1		.07	7	, OE	.83
TATHAM SPRINGS UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4	//	. 01	1			. 10	. 07			3 .10	.10			9th-						. 01	9			. 0	5	.09
BAXTER BARLAN WATER WKS		. 0:	2 .0	9 . 0-	4								-2	otn-												.15
BEREA CCOLLEGS CORBIN CAA COVINGTON W B AIRPORT DAVELLA EDMONTON	6 6	.0:	.0	3	. 35	5 ,0	ı																		.02	.41
FLEMINGSBURG POST OFF BAZARD HEIDELBERG LOCK 14 JENKINS	<b>//</b> /	. 0:	6 .0 4 1 .4	4 .4	9	. 4	5																			.45 .34 1.80 .10
LOUISA LOCK 3 MIDDLESBORO RR STA MOREHEAD STA TEACH COL OLIVE BILL PIKEVILLE		.0	1 .0 5 0 3 .0	2 .0				1																		.08 .05 .10 .20
	//	.1	3 .0 .0	5 .0	5																		L.			.05

# DAILY TEMPERATURES

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Table 5																															_		
																Day	of mo	nth															rag
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ANCHORAGE ASHLAND DAM 29 BEAVER DAM BENHAM BEREA COLLEGE	MAX MIN MAX MIN MAX MIN MAX MIN	52 25 57 38 57 26 54 39 52 35	65 35 51 35 68 35 53 33 62 36	45 35 60 38 50 35 60 34 42 33	55 26 47 36 66 29 38 29 53 32	53 26 53 36 56 30 53 32 47 29	58 23 50 26 60 24 45 23 55 26	68 30 56 29 71 32 60 24 65 36	70 33 67 30 71 35 65 30 67 42	72 37 69 31 74 38 71 28 70 40	76 39 70 30 78 49 73 30 73 50	77 53 76 33 80 56 72 32 75 55	78 48 78 43 71 53 69 35 75 51	67 46 77 46 65 46 65 41 62 54	55 35 65 48 64 37 58 33 55	53 29 60 31 59 34 60 29 51 35	54 34 56 27 59 24 55 25 53 29	45 31 54 28 46 37 35 25 40 33	41 31 42 34 47 29 40 31 40 30	58 29 42 30 61 27 35 29 56 29	62 38 51 35 64 43 38 30 60 38	45 24 61 35 52 29 58 29 40 30	41 15 43 25 44 19 64 27 40 20	55 31 40 25 59 31 40 29 55 31	51 30 57 29 60 39 50 34 55 37	45 33 56 33 47 31 53 28 41 31	39 18 40 32 47 30 45 33 40 26	45 29 40 31 51 35 57 29 45 32	64 30 49 30 69 36 60 34 66 34	64 33 64 31 67 37 65 34 64 44	56 26 64 31 58 38 63 26 52 38		57.0 31.7 56.5 32.9 60.7 34.8 55.1 30.5 55.0 35.7
SOWLING GREEN WB AP BURGIN DIX DAM CAMPBELLSVILLE CORSIN CAA COVINGTON WS AIRPORT	MAX MIN MAX MIN MAX MIN MAX MIN MAX	54 30 56 32 45 32 54 35 49 27	64 39 64 34 55 32 64 36 58 38	44 27 58 35 53 35 46 32 41 34	62 30 60 30 40 27 57 29 50 34	52 27 52 37 60 29 48 26 47 30	57 25 57 26 50 23 56 22 53 26	67 33 67 33 55 28 65 26 64 36	68 32 69 36 65 32 68 30 66 41	71 34 72 31 67 32 71 27 66 41	65 42 75 40 71 33 73 31 71 45	76 51 78 40 74 46 75 38 72 57	76 46 77 55 76 49 75 41 74 55	61 44 66 55 76 50 66 49 62 45	59 36 60 40 60 37 58 32 49	55 30 55 33 64 31 54 29 45 33	54 26 54 28 58 24 53 23 48 30	47 31 50 34 53 26 41 32 40 33	45 26 40 32 43 30 38 31 41 33	61 27 58 30 45 27 56 27 55 33	65 39 62 45 57 30 64 41 54 36	45 24 58 28 63 29 45 26 36 27	42 18 42 17 40 17 41 23 36 19	57 29 55 30 42 20 56 29 50 30	54 37 54 34 54 57 39 50 34	40 29 48 34 52 32 43 31 37 28	47 31 40 26 35 23 44 30 35 26	54 35 45 35 45 28 55 32 39 33	69 36 65 33 51 35 65 30 61 33	65 40 64 42 56 40 63 38 58 39	58 30 62 35 63 34 55 32 52 33		57.8 32.8 58.8 34.7 55.6 31.3 56.9 31.6 52.0 35.0

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## DAILY TEMPERATURES

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NOVEMBER 1949

																Day	of mo	nth															8
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aven
DANYILLS FARMERS FORDS FERRY DAM 50 FRANKFORT LOCK 4 GREENBURG	MAX MIN MAX MIN MAX MIN MAX MIN MAX	48 33 55 35 51 28 51 31 47	56 32 54 26 65 36 56 31 55 33	66 35 83 28 47 30 66 38 82 35	39 29 43 28 65 33 44 31 40 27	56 34 53 34 50 30 55 37 60 32	51 25 48 19 59 29 55 25 50 23	50 30 54 21 89 40 58 25 56 28	57 37 65 27 70 41 69 32 56 29	69 39 67 26 73 46 69 31 70 30	72 42 72 28 76 55 71 31 72 32	75 51 75 30 74 56 74 36 76 41	77 50 78 40 78 54 77 47 77	77 53 77 45 55 39 76 47 76 48	84 40 85 36 58 37 64 43 81 35	59 35 58 24 53 30 57 32 59 31	54 28 53 19 54 34 53 28 55 24	53 30 53 20 48 31 54 28 53 25	44 32 41 31 42 30 42 33 45 30	40 28 39 28 62 33 42 32 44 28	58 32 57 32 62 38 60 33 56 32	82 31 80 21 42 23 52 28 84 28	38 20 39 23 43 21 39 22 41	41 21 39 18 59 33 44 21 42 20	54 34 55 25 61 33 57 30 55 34	53 33 55 31 41 28 58 35 53 33	35 27 37 27 52 26 40 29 35 26	45 27 48 27 50 37 42 28 44 29	46 33 45 25 71 39 44 33 53 34	65 38 65 28 65 37 85 34 67 40	64 36 61 22 58 29 65 31 64 32		55.9 33.8 55.7 27.5 56.5 35.2 55.9 31.9 56.7 31.1
GREENVILLE 2 W HEADQUARTERG HEIDELBERG LOCK 14 HEMDERSON 4 3W SINDMAN SETTLEMENT SCH	MAX MIN MAX MIN MAX MIN MIN MAX MIN MIN	55 26 53 29 55 40 55 25 52 36	66 40 62 34 65 31 67 37 45	55 33 48 35 56 37 49 32 62 30	56 28 51 31 55 30 55 31 42 33	80 32 49 33 53 40 55 29 51 33	56 25 54 24 57 22 59 27 46 21	68 38 66 34 67 26 59 38 52 24	69 40 67 40 67 30 69 42 63 25	72 35 69 39 72 27 72 42 65 25	76 53 74 45 74 30 77 51 69 22	76 58 75 51 77 37 75 56 70 30	77 55 77 51 77 40 77 55 73 36	65 51 82 49 66 46 64 49 74 39	58 36 56 37 59 37 80 37 62 36	55 32 51 33 51 27 55 34 57 24	55 25 51 29 56 23 54 30 52 22	48 37 41 30 53 38 49 34 50 23	43 28 40 31 43 31 46 26 39 32	62 28 55 31 58 29 61 26	84 40 59 32 64 38 63 39 55	50 29 53 29 54 28 45 32 82	43 20 37 16 41 29 41 18 40 26	58 35 52 16 56 22 57 34 37 20	80 44 53 32 56 28 60 40 53 27	48 35 43 30 53 35 49 32 56 33	50 27 37 25 42 31 48 24 35 31	51 39 40 26 52 30 48 34 50 28	71 41 83 30 84 31 70 38 55 28	88 42 83 30 64 43 67 40 85 31	58 39 54 32 57 27 58 35 60 21		60.1 38.3 55.2 33.0 58.9 32.2 59.1 35.7 54.9 26.3
HOPKINSVILLE 2 E IRVINGTON LEITCHFIELD LEXINGTON WB AIRPORT LOUISVILLE STAN WB AP	MAX MIN MAX MIN MAX MIN MAX MIN MAX	55 27 55 27 52 30 53 30 54 30	63 32 66 35 63 36 60 36 64 40	50 33 44 31 55 33 40 29 44 31	65 26 61 30 61 29 54 29 56 32	50 29 52 32 56 32 49 30 50 30	59 28 58 24 55 27 54 27 56 26	60 25 66 35 66 35 64 35 68 40	65 30 69 39 67 35 66 39 70 43	72 38 71 40 69 38 69 40 71 39	64 42 75 50 74 48 73 45 75 53	75 55 77 59 75 54 75 52 77 59	77 50 76 55 75 50 74 53 77 53	67 50 63 46 70 50 63 47 64 48	80 36 57 39 57 46 56 36 54 44	55 32 55 33 53 53 51 32 52 35	58 25 54 27 53 28 51 28 53 31	48 28 44 34 47 34 40 32 43 34	44 26 48 30 43 29 36 29 41 34	65 25 59 29 60 27 56 30 59 33	45 38 82 42 62 43 58 36 59 38	57 36 44 30 51 30 36 29 38 29	40 19 42 19 41 18 39 19 40 22	43 28 56 30 57 29 52 32 55 33	42 31 57 40 57 38 51 37 56 38	51 21 44 33 50 32 39 30 39 30	56 26 45 28 45 29 38 28 45 25	56 36 49 35 50 35 44 33 48 35	72 38 66 38 67 35 84 32 66 35	85 36 68 39 66 39 60 40 64 44	58 35 56 32 55 34 53 33 56 37		57.9 33.0 56.0 35.3 56.4 35.3 54.0 34.3 56.4 36.7
LOUISVILLE WB CITY LOVELACEVILLE MADISONVILLE 1 SE MADMOTH CAVE PARK MANCHESTER	MAX MIN MAX MIN MAX MIN MAX MIN MAX MIN	53 32 56 23 46 26 55 29 57	62 41 67 33 55 29 64 36 67	41 35 52 36 65 32 58 33 60	55 36 69 27 65 27 62 26	48 35 60 32 64 31 59 36 53	56 32 59 24 52 23 58 23 59	67 42 69 30 57 27 66 34	66 47 70 33 68 43 67 39 70	69 44 73 35 69 38 70 34 75	74 56 77 51 72 46 74 50 71	75 60 72 56 76 53 76 56 82	74 57 75 55 75 55 76 54 79	58 46 65 51 78 53 72 53 70	53 44 61 34 55 37 56 39 62	51 37 58 30 57 33 69 33 56	51 34 57 24 54 28 54 24 56	43 33 53 35 55 35 50 36 52	40 34 53 25 46 26 44 29 42	56 32 64 25 44 26 58 25 59	57 39 67 33 62 33 65 35 67	39 30 63 30 63 28 43 27 60	39 25 44 17 40 19 41 16 42	54 34 56 30 43 21 55 30 54	55 36 63 35 60 35 62 42 57	36 31 60 33 60 31 53 32 56	43 28 55 20 36 21 45 31 50	44 37 57 30 50 24 53 39 57	62 37 73 42 49 36 67 35 67	62 47 70 33 70 37 67 39 67	54 40 62 36 65 38 60 37 57		54.6 38.8 62.7 33.3 56.4 33.0 60.0 35.1 61.0
MATFIELD 2 8 MATSVILLE DAM 33 MIDDLESBORO MOUNT STERLING MURRAY	MAX MIN MAX MIN MAX MIN MAX MIN MAX MIN	55 22 52 32 50 40 53 34 57 25	68 33 53 31 60 33 61 36 70 36	54 32 63 39 56 37 57 35 56 34	68 29 44 33 53 27 52 33 67 27	59 26 52 36 50 39 51 36 60 32	60 24 46 25 56 23 54 28 61 24	69 33 53 30 63 25 65 37 69 30	69 35 66 35 66 28 67 41 70 32	73 40 69 32 69 28 70 38 74 35	76 50 70 34 69 29 74 43 78 49	69 53 75 34 73 36 74 54 72 52	77 52 75 48 74 41 77 50 77 53	65 48 76 50 66 48 71 53 66 51	60 37 64 40 62 36 58 40 63 34	56 34 56 32 59 30 54 35 59 33	58 25 51 32 57 24 52 29 59	53 32 52 30 52 35 50 32 52 33	53 24 41 34 40 33 40 32 49 26	64 25 42 34 52 24 55 31 65 25	69 39 55 49 69 37 61 46 70 37	58 29 56 32 63 30 53 29 57 35	43 16 36 26 42 26 38 22 45	60 26 40 23 52 23 53 30 61 31	60 40 54 29 50 26 54 36 58 39	55 30 53 34 51 32 50 31 55 32	57 19 36 30 43 32 39 26 56 20	60 37 40 30 61 34 44 35 61 30	73 39 41 30 55 31 61 31 74 42	89 41 61 30 65 52 64 43 70 38	60 32 61 31 57 35 54 32 62 36		62.3 33.5 54.6 33.5 57.6 32.6 56.9 36.0 63.1 33.8
OWENSBORD  PADUCAH CAA  PADUCAH NO 5 FIRE STA  PRIMCETON  RICHMOND TEACHERS COL	MAX MIN MAX MIN MAX MIN MAX MIN MAX	49 25 56 24 57 36 58 26 51 34	56 30 65 38 67 35	65 32 49 33 51 34 50 30 62 35	47 29 67 35 67 32 66 25 40 30	63 29 52 30 55 25 58 33 55 36	56 24 58 27 61 27 60 23 49 27	59 33 69 36 70 35 70 28 55 36	70 36 69 41 71 41 71 28 65 38	71 37 72 43 75 42 74 32 67 36	72 43 77 55 79 58 78 39 70 43	77 50 69 58 70 56 72 55 73 51	79 53 76 56 78 53 78 45 76 48	77 50 58 45 59 37 65 51 76 52	53 36 59 39 60 36 60 32 64 39	58 32 55 34 50 32 57 28 57 35	54 26 56 31 57 29 58 22 52 29	55 29 53 29 52 30 49 30 53 34	45 25 42 28 43 28 45 22 40 31	45 26 63 31 65 34 62 23 44 29	61 33 65 36 67 35 66 32 53 35	61 28 42 23 41 20 53 60 28	39 18 42 20 44 20 15 37 20	42 23 58 32 62 30 60 30 39 24	57 35 62 41 63 35 63 29 48 36	60 30 46 26 45 23 54 31 54 32	35 26 55 23 57 26 57 21 36 27	47 31 54 35 57 35 55 28 45 30	50 35 73 43 74 40 73 38 43 32	68 35 67 38 69 40 74 36 65 34	65 33 59 34 60 26 60 28 61 34		57.9 32.4 59.6 35.5 60.9 34.3 62.4 30.6 54.8 34.3
RUSSELLVILLE ST JOHN BETHLEHEM ACAD SCIENCE HILL SCOTTSVILLE SHELBYVILLE 2 W	MAX MIN MAX MIN MAX MIN MAX MIN MAX MIN	46 29 55 37 54 30 47 28	55 54 30 63 32 64 37 54 27	64 33 57 35 58 35 65 33	47 41 27 57 28 62 28 41 27	62 63 33 54 37 60 33 54 31	61 49 23 56 23 58 24 52 23	56 57 28 65 30 67 33 68 24	67 32 67 31 68 34 68 32	67 68 33 71 31 72 36 70 35	70 36 74 37 76 47 71 36	75 48 75 47 76 52 75 44	75 76 48 75 46 78 51 78 51	76 75 52 68 55 73 52 76 53	52 58 36 69 39 60 37 60 40	56 30 53 31 56 35 57 31	54 23 53 25 55 26 53 24	55 53 24 49 36 50 35 53 24	47 44 30 40 32 44 24 43 32	45 30 56 28 60 25 40 29	58 31 63 48 66 40 56 31	65 61 26 57 27 52 27 62 27	45 40 17 46 21 43 17 37 11	45 49 20 55 27 59 29 40 13	57 59 35 55 36 54 41 55 31	54 56 34 50 33 53 32 54 33	38 37 28 42 29 47 30 34 22	47 45 30 54 37 55 34 39 24	55 47 36 65 33 69 35 46 32	70 66 40 65 45 68 40 53 37	65 64 33 55 37 58 32 63 30		57.6 56.6 31.8 58.8 34.4 60.5 34.4 55.4 30.5
WEST LIBERTY WATER WES WILLIAMSBURG WILLIAMSTOWN WOLF CREEK DAM	MIN MAX MIN MAX MIN MAX MAX	54 50 38 48 27 58 32	52 64 27 62 27 66 32	63 60 36 60 35 41 28	57 28 40 32 60 28	54 38 51 30 54 28	56 39 46 29 59 25	68 24 54 31 59 27	69 29 65 36 71 28	61 69 32 65 37 74 30	70 72 34 69 38 76 36	73 77 43 73 50 76 42	70 74 44 74 55 78 42	71 65 53 74 53 67 36	62 61 37 61 41 62 32	54 31 55 34 57 32	57 31 49 29 57 25	54 51 32 50 29 46 36	41 32 41 32 42 32	34 59 24 41 29 59 25	42 67 43 50 31 68 40	45 60 27 55 27 46 28	50 40 25 35 18 44 22	57 22 35 19 58 32	56 35 51 31 60 32	57 51 32 51 30 36 34	35 30 37 26 47 28	58 35 41 27 59 32	63 32 41 30 69 34	57 68 51 61 31 68 38	62 32 60 32 58 32		54.3 59.5 33.9 53.2 32.5 59.3 31.6

Table 6

# EVAPORATION AND WIND

Station																	Day o	f mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
SURGIN DIX DAM	EVAP W1ND					.05 30	.06		.06			.08	.07	.10			.07 36	.04 24	.05				.04	.03		.02		* 28	* 14	* 37	.03		1.60
WOLF CREEK DAM	EVAP WIND			.07 44	.02 33			.06 15	.07 16					.10 37			.08			.03 22		.07	* 36	.08 28	:	. 16 107	* 45	:	. 40 69		. 08 27		1.64 914

# STATION INDEX

	,					101	-							_		1				Obs	LOT.			
Station	Index No.	County	Drainage 1 Latitude	Longitude	Elevation	Observation of the Land	on	Observer		Refe to table			Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Temp.	Precip e g	Observer	ta	to bles
ADDISON DAM 45 ADOLPRUS 1 N ALLEN ANCHOWAGE ASECAMP	0043	SRECBINRIDGS ALLEN FLOYD JEFFERSON PIRE	7 37 55 3 36 39 1 37 35 7 38 16 1 37 16	86 34 86 16 82 43 85 33 82 26	850 700	7p	7A 8A	CORPS OF ENGINEERS IDELL M GEARING NAMNIS AUXIER C E SARRET MARY S RATLIFF		3 3 3 3 3	5	LOT	DISTILLE BOWNAN FIELD	4943 4951 4954	LAUREL LAMBENCE JEFFERSON JEFFERSON JEFFERSON	7	87 08 88 07 98 15 98 11	84 05 82 37 85 40 85 44 85 48	1250 584 556 485 403	MID	7A WID WID	K W MC WASSING RUSSILL T WHEELER DS WEATHER SUREAU D3 WEATHER SUREAD US ENGINEERS	2 3 3	
ASHLAND DAW 29 TARBOURTILLS WATER WES BARDSTOWN SAXTER MARLAN WATER WES SEAVER DAW	0254 0381 0389 0450 0490	ENDE	7 38 27 2 36 52 8 37 48 2 36 51 3 37 25	62 36 83 53 85 28 83 20 86 52	1000		7A	CORPS OF ENGINEERS JOHN R WHARTON MES POPE SISCO CTBUS S LAYBON E G TOUNG		3	4 3 7	LD	VELACEVILLE ICAS IDISONVILLE 1 SM	4987 5002 5067	JEFFERSON BALLAND BARREN BOPEIN3 EDWONSON	3	18 15 16 58 18 53 17 19 17 11	65 45 88 50 88 02 87 29 88 06	457 479 435 800	8P	SP MID	US VEATHES BUSSAU BLAINE MALONE CECIL R BRITY J W MC COY RATIONAL PARK SERV	2 3 2 3 3 2 5 2 5	4 4 5 7
SEMBAM SEREA COLLEGE DEREA WATER WORKS SOSTOM 2 5W	0611 0619 0624	HARLAN MARSHALL MADISON MADISON NELSON	2 36 58 9 36 51 4 37 34 4 37 34 8 37 46		380 1070	8A 6P	8A 6P 7A	C C WHITEAEER SENTON WATER WORES JANES & GEOSSMAN MHS L B GAPFARD MRS PAULENE COY	2	3 3 3 3 3	5 7 4 5	NA.	ATFIELD SUBSTA ATFIELD 2 8 ATSVILLE DAM 33	5230 5232 5243	CLAY GRAYES GRAYES MASON PENDLETON	6 . 7	37 09 36 44 36 42 38 38 38 36	83 46 88 39 88 38 83 42 84 18	450 364 364 524 610	5P	5P 6A	SARL SOMARD TYA MRS JOS PATRE CORPS OF ENGIREERS AMARDA A AULICS	2 3 2 3 2 3 3	4 5 7 4
BOWLING GREEN BOWLING GREEN SUBSTA BOWLING GREEN WE AP BRENT DAM 36 SROWNSVILLE LOCH 8	0907 0909 0978	WARREN WARREN WARREN CAMPBELL EDMONSON	3 37 00 3 37 01 3 36 58 7 39 03 3 37 12	86 26 86 26 86 26 84 25 86 16	470 535 489	WID	ID 7A	JAMES R EDWARDS TVA US WEATHER BOREAD CORPS OF ENGINEERS CORPS DF ENGINEERS	2	3 3 3 3	4 5 7	MI	LLERSBURG	5394 5407 5430	BELL HELL FOODFORD BOURBON GRAYSON	4 5	36 37 38 37 38 07 38 18 37 27	83 43 83 43 84 42 84 09 86 03	1128 1130 805 580	5P	BA BA	NUGR ALLEN FRANK W TALIAFKEND JOEM S WUGERT MRS ANT L POTTS MRS O M LAWLER	2 3 3 3 3 3 3	4
RURGIN DIX DAM BURNSIDE CADIZ LOCM E CAMPBELLSVILLE CARROLLION LOCK 1	1156 1208 1256	MERCER PULASBI THIGG TAYLOR CARROLL	4 37 48 2 36 59 2 36 46 3 37 20 4 38 41	87 56	705 424 777	4P 6P	7A SP	C W MILLIAMS SARAH E LEWIS CORPS OF ENGINEERS ALVA MC KINLEY CORPS OF SMGINEERS	2	3 3 3	5 6	MO MO	ONTICELLO OREHEAD STA TEACH CDL OUNT STERLING UNFORDVILLE FERRAY	5555 5640 5884	WAYNE ROWAM MONTGOMERY NAST CALLOWAY	5	38 50 38 11 38 03 37 16 36 36	84 51 83 26 83 57 85 53 88 20	910 770 930 600 600	SP BP	SP 7A 6P	S O COOPER H C HAGGAM FNED CARTWILL SAM CRADDOCK MURRAY WATEN SYSTEM		5 5 7
CENTRAL CITY WATER WES CLINTON COLLEGE BILL LOCM 1I COLUMBIA CONSTANTINE	1831 1704	MURLENBERG BICKMAN MADISON ADAIS BRECHINSIDGS	3 37 19 6 38 41 4 37 47 3 37 06 3 37 40	89 00 84 06 85 18			SA 7A WID	CEN CITY MATER WES MOODSON O FRANKLIN CORPS OF ENGINEERS MRS HAZEL 8 PICKETT MRS GLENNIS L SHARE		3	4	ON	LIVE SILL LNEY MEONTA DAN 35 WENSBORO WENSBORO DAN 46	6020 6033 6091	CARTER HOPMINS CAMPHELL DAVIESS DAVIESS	7 7 7	38 18 37 13 38 56 37 46 37 47	84 18	752 380 497 420 404	5P	8A 7A 7A	MRS W F FULTZ JR ART D WILLIAMS CORPS OF ENGINEERS VIRGIL P CLARE CORPS OF ENGINEERS	2	5 7
CORBIN CAA CORBIN WATER WORKS COVINGTON #B AIRPORT CYNTBIANA DANVILLE	1806 1855 1998	WBITLEY WBITLEY KENTON HARRISON BOYLE	2 36 58 2 36 57 7 39 04 5 38 23 4 37 39	84 06 84 44 84 18	1170 1070 869 8 684 955	MID	74	CAA CORBIN WATER WORKS US WEATHEN BUREAD MARSHALL BILL R P COLDIBON	2		4 5 7 4 5 7 5 7	PA PA PA	ADDCAH NO 5 FIRE STA ADDCAH SCS NURSERY ADDCAH CAA AP AINTSVILLE IKEVILLE	6117 6110 6136	MC CRACKEN MC CRACKEN MC CRACKEN JOHNSON PIKE	7 7	37 05 37 04 37 04 37 49 37 29	88 35 88 46 82 48	410 620 888		MID MID	CAPTAIN FF WILLIAMS SOIL CONSERV SERV D 5 CIVIL ASRO ADM JESSE FAIRCHILD US WEATHER BUREAU		3 4 5 7
DAVELLA DELPHIA DEMA DUNGEE SARWETTS FORD BS DENMOR	2131 2139 2358	MARTIN PERRY ENOTT OHIO WUHLENSERG	1 37 48 4 37 02 1 37 25 3 37 33 3 37 05	83 01 82 41 86 41	7 1200 8 850 3 430		8A 8A 7A 7A	SWRTHA DE LONG FARIS CRESS HATTIE S SARNEY J L HUFF N D GIVENS		3 3 3 3	•	PI, PN	INEVILLE LEASUHEVILLE 2 S NINCETON AVENHA LOCK 12 ICEMOND E STATE CDL	6435 6575 6679	BELL SHELBY CALDWELL ESTILL MADISON	2 4	36 45 38 20 37 06 37 40 37 44	85 07 87 53 83 57	631	5P 7A	5A 5P 7A 7A	F PARTIR E B MORGAN ALTON M EARVILL CORPS DF ENGINESMS EASTERN TEACRERS CO	2 2	5 5 5 3 5
DUNNVILLE EDOYVILLE LOCE F EDMONTON ELIZABETHTOWN FALMOUTE	2445 2469 2510	CASEY LYON METCALFE EARDIN PENDLETON	3 37 13 2 37 03 3 37 00 3 37 42 5 38 40	85 01 85 3 85 5	420		7A 7A 7A 7A 8A	LINNIS D TARTES CORPS OF ENGINEERS JOHN E MORAN BOBERT E SETTLE JESSIS OLDHAM		3 3 3 3	4	Rt	UMSEY LOCS 2 USSELLVILLE USSELLVILLE SUBSTA ADISVILLE WATES WORKS T JOEN BETHLEHEM ACAD	7049 7054 7074	MC LEAN LOGAN LOGAN SCOTT HARDIN	3	37 32 36 51 36 50 38 23 37 42	86 53 86 54	880		7A	CORPS OF ENGINEERS DR S S MC RSTNOLDS TYA SICBARD E 2EYSING SISTER S M GSELL	2 :	3 3 4 3 5 7
FARMERS }LEMINGSBURG FLEMINGSBURG POST OFFIC FORD LOCS 10 FORDS FERRY DAM 50	2903 62908 2953	HOWAM FLEWING FLEWING CLARM CRITYENDEN	5 38 09 5 38 25 5 38 25 4 37 53 7 37 28	83 4 83 4 84 1	670 4 750 5 593	4P	7A 7A WID 7A 6A	MRS C C STAMPSR BYRON F FLEMING MAURICE O CARPENTE CORPS OF ENGINEERS COSPS OF ENGINEERS	B	3 3 3 3 3	5 7 4 4 5 7	S/ S/ SC	T MARY ALVISA LOCM 6 ALVISA LOCM 6 CIENCE BILL COTTSVILLE	7121 7129 7202	MARION MERCER MAGOFFIN PULASKI ALLEN	5 2	37 35 37 58 37 45 37 11 36 45	84 49 83 04 84 39	1065	5P	7A NID	ST MARY COLLEGE CORPS OF SMGINEERS J M MAY WILLIAM B DORBS MOBLE ALLEN	2 2	3 4
FRANKFORT LOCE 4 FRANKLIN WATER WORKS FRENCHBURG 1 SW GEORGETOWN WATER WORKS GEST LOCE 3	3036 3052 3194	FRANKLIN SIMPSON MENIFES SCOTT HENRY	4 38 13 8 36 43 5 37 57 4 38 12 4 38 25	86 3 83 3 84 3	4 691 9 3 880	49	6A 7A 8A 8A 7A	CDRPS OF ENGINEERS HERMAN D NEAL C JERDME SIERONTHU JOE W ATKINS CORPS OF ENGINEERS	8	3 3 3 3	4 5 7	SE SE SE	EBRES WATER WORKS SELBYVILLE 2 W HEPBERDSVILLS MITHFIELD 4 8 OMERSET BIWAY DEPT	7324 7334 7473	M88STER SHELBY BULLITY BENRY POLASKI	8	37 36 38 13 37 59 38 20 37 07	85 16	825 450 662	6P	7A MID MID	SEBREE WATER WORKS WILLA S A RATYA CONRAD MARAMAN F W SIMPSON L R SUTHERLAND	2	3 3 3 3 4 3 4
GLASGUR GODMAN AFBU FT ENOX GRAMT DAM 38 GRAYSON GREENSBURG	3280 3358 3391	BARREN HARDIN BOONE CARTER GREEN	3 37 00 7 37 54 7 38 59 7 38 19 3 37 16	85 5 84 4 82 5	8 9 506 7 589	5P	7A WID 6A 8A 7A	OSA L FOLLIS US AIR FORCS COMPS OF ENGINEERS SBIRLEY I STATEN MRS MELL N LINGLE	2	3 3 3 3	4 5	31 31 T	PRINGFISLD TEARNS UMMER SHADS SUBSTA ATHAM SPRINGS ATLORSVILLS	7677 7805 7924	WASBINGTON MC CREARY METCALFE WASBINGTON SPENCES	3 8	37 41 36 42 38 53 37 52 38 02	84 29 85 40 85 09			MID 7A	WM B COATLEY C E CRITWOOD TYA N C DEDMAN MRS EATHRYN B CARR		3 3 4 3 3 4 3
GREENSBORG BIWAY 61 BR GREENUP DAM 30 GREENVILLE 2 W HALEYS WILL HAATFORD 6 N	3443 3451 3539	GREEN GREENUP MUHLENBERG CHRISTIAN OHIO	3 37 15 7 38 37 3 37 12 3 37 03 3 37 32	82 5 87 1 87 2	1 540 2 519 0 740	5.P	7A 7A 5P WID 6P	EENNETH STOTTS CORPS OF EMGINEERS C R LOVELL CLEATUS E BRINKLEY W R CARSON SR	2	3 3 3 3	4 5	71	OMPRINSVILLE OMPRINSVILLE TEL OFF URREY CREEK SCEDOL TRONE LOCE 5 INIONTORN DAM 49	8065 8144 8175	MONROS MONROE TRIGG ANDERSON UNION	9	36 42 36 42 36 43 38 02 37 46	85 41 88 01 84 31	350 350		7A	JAMES T PHILPOTY MRS ALICE B HALE TVA CDRPS OF ENGIREERS CORPS OF ENGINEERS		3 4 3 3 3 3 3 4
HAZARD HEADQUARTERS HEIDELBERG LOCK 14 BENDERSON 4 5% HERNDON	3722 3741 3762	PERRY NICHOLAS LEE HENDERSON CHRISTIAN	4 37 15 5 36 24 4 37 33 7 37 43 2 36 46	84 0 83 4	7 860 6 663 7 382	4P 6P	7A 6P 6A 6P wid	R A BAILET MRS G L JENNINGS CORDS OF ENGINEERS FRAME STREET C W MEATTS	2 2 2	3 3 3 3 3	4 4 5 7 5 4	V.	ALLET VIEW LOCK 9 FANCEBURG DAM 32 FAYNESBURG 6 E FEST LIBERTY WATER WMS FILLIAMSBURG	8251 8484 8551	6 MADISDN D LEWIS 6 LINCOLN I WORGAN 6 WHITLEY	2	37 51 38 38 37 22 37 55 36 46	83 21 84 34 83 15	525 1215		7A 7A 7A	CORPS OF ENGINEERS CORPS OF ENGINEERS FRANM BOECK JOHN M TURNER CHARLES B WEST	-	3 3 3 3 5 3 5
BICKSVILLE HIGH BRIDGE LOCK 7 BINDMAN SETTLEMENT SCB BOOGENVILLE NAT PARK BOOKINSVILLE 2 E	3831 3891 3921	GRAVES 7 JESSAMINE 9 ENOTT 9 LARUE 1 CHRISTIAN	9 36 48 4 37 49 4 37 20 3 37 32 2 36 52	84 4 82 5 85 4	3 9 1080 4	64	MID	TVA CORPS OF ENGINEERS ELIZABETE MATTS C C SELF W K MORRIS	2 2	3 3 3 3	5 7 4 5 7		FILLIANSTOWN HILLOW LOCK IS HOLF CREEK DAN HOODBURY LOCK 4	872	GRANT LEE RUSSELL BUTLER	2	38 38 37 36 36 53 37 11	83 50			7.8	MISS N B SIMPSON CORPS OF ENGINEERS CORPS OF SNGINEERS	2	
EYDEN IRVINGTON JACKSON JENKINS WATER WORKS JEREMIAB	416 419 424	BRECKENRIDGE BREATHITY LETCHER LETCHER	4 37 10 3 37 53 4 37 33 1 37 10 4 37 10	86 1 83 2 82 3		7P	6P 7P 7A 7A 7A	MRS FOREST CAMPBEL FLOYD G ROBBINS ROBERT ROBERTSON KENTDORY WATER CO MRS SDSAN F ISON	2	3 3 3 3 3	5 7		JERKINS	423	6 LETCHER			82 36	1600		жи	HIBBERT ELKINS		3 4
KEENE 2 N KENTUCKY DAM LAMCASTER ICE PLANT LAURA LLITCHFIELD	462 464	9 JESSAMINE 6 LIVINGSTON 9 GARRARD 2 MARTIN 3 GRAYSON	4 37 54 9 37 0 4 37 3 1 37 4 3 37 2	84 3	6 362		7A 7A 8A 8A 8A	MARIDN W MAHIN TENN VALLEY AUTH RENTUCKY UTIL CO JAMES A FIELD GEORGE D LITSEY	2	3 3 3 3	4 5		‡ DRAINAGE COD	€. 1	BIg Sandy, 2 Obio; 8 Salt	Cum!	erlan ennes	- d, 3 Gr	 een, 4	Kent	- tuck	r: 5 Llcking, 6 Mise	issip	p1;
LEXINGTON WE AIRPORT LIBERTY LITYLE BICKMAN LOCK 8 LOCKPORT LOCK 2 LOCKPORT LOCK 2	475 482 485	6 FAYETYE 5 CASEY 5 JESSAMIFE 7 HENRY 2 CLARK	4 38 03 3 37 2 4 37 4 4 38 2 4 37 5	84 5 84 5 84 5	5 560 8 485		MID 7A 7A 6A MID	PALLIA L HANKLA CORPS OF ENGINEERS CORPS OF ENGINEERS	2	3 3 3 3	4 5 7 4 4													

See reference notes following Table 2. See Table 7 following Table 3.

- 166 -

Mat Hist Lik

# U. S. DEPARTMENT OF COMMERCE

THE LIBRARY OF THE

CHARLES SAWYER, Secretary

WEATHER BUREAU

AUG 2 3 1950

F. W. REICHELDERFER, Chief

**HINIVERSITY OF ILLINOIS** 

AUG 25 1950

# CLIMATOLOGICAL DATA

**KENTUCKY** 

DECEMBER 1949 Volume XLIV No. 12



#### KENTUCKY - DECEMBER 1949

O. K. Anderson, Section Director - Louisville

#### WEATHER SUMMARY

December was a warm, moist month with farm activities near the seasonal normal except for outdoor tasks which were hampered by wet grounds.

The below normal average of November was reversed during this month. Daily mean temperatures were generally higher than the average except for the period of the 13th through the 16th and again on the 23rd. Exceptionally warm days occurred on the periods of the 10th through the 12th, 18th through the 22nd, and from the 25th to the end of the month. The highest daily temperature for the month was reported generally either on the 20th, 21st, or 22nd with the lowest reading either on the 15th or 16th. Each section of the state had plus departures from the normal. The overall result of the variations in temperature was an average of 3.1 degrees above the normal making it one of the warmest Decembers on record.

As with the temperature, precipitation was well above the normal. Precipitation again was unequally distributed over the state. Amounts were generally light to moderate over most of the area with the extremities in the north, east, and west receiving the smallest amounts and the center reporting some heavy falls. Less than three inches of rain was reported in parts of Letcher County while more than eleven inches was recorded in Hardin County. Rain was spread out through the month, not being concentrated in any one period. However, the greatest falls in any one day occurred generally either on the 11th, 12th, or 13th. Snow was reported in various areas but amounts were light and did not remain on the ground for any length of time. All sections reported plus departures from the normal with the state as a whole reporting 1.90 inches above normal, making this the sixth wettest December on record.

December weather was generally favorable for development of crops but not favorable for general outdoor chores. The principal activity was stripping and marketing of tobacco. Stripping was delayed in most sections of the state during the first two weeks by the end of the month excellent progress was made in this activity. Marketing of tobacco was well advanced by the end of the period and the bulk of burley was either marketed or ready for sale. The harvesting of corn was completed during December. Fall sown grains and grasses continued near the average condition. Moisture was ample throughout the state and stock feeding was heavy during the whole month.

Considerable flooding of lowlands occurred during the month especially in the south central portion. Heavy rainfall in parts of the state resulted in flood stages in various areas. Crests all along the Green and Barren Rivers ranged from eight to thirteen feet above flood stages. These stages occurred generally from the 12th through the 22nd. The Rolling Fork River of the Salt River also was above flood stage from the 13th to the 17th, causing some damage in the vicinity of Boston. However, damage was not excessive in any section of Kentucky.

ACKNOWLEDGMENT

In addition to the Climatological data from some 6,000 Feather Bureau and cooperative weather stations, this bulletin series contains records from Bydroclimatic Network Stations which were formerly reproduced in the Bydrologic Bulletin Series. The Bydroclimatic Network is a naccontinuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and resisting precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and resolution of the Corps of Engineers. These transferred annually to the Weather Bureau through working funds transferred annually to the Weather Bureau thy the Corps of Regimeers. These transferred annually to the Weather Bureau thy the Corps of Regimeers. These transferred annually transferred about \$200,000 per year hetween 1940 and 1944, and nearly \$375,000 to the Weather Bureau through working data required in its work, and since 1947 the Bureau of Reclamation has transferred about

 $\$25,000\,$  per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin Series, data from Hydroclinatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were insued anothly for each of 8 drainage areas embarcing the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being listed to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Namingion 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

#### SUPPLEMENTAL DATA

DECEMBER 1949

	Wind	diraction		Windm	speed p h		Relati		idity ave	rages		Numb	per of d	nys with	precip	itation			peet	
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:30 A EST	7:30 A EST	1:30 P EST	7:30 P EST	Trece	60'-10'	.10-49	20-98	1 00-1 99	2 00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su	Degree days
EXINGTON AIRPORT DUISVILLE AIRPORT	SSE	19	11.8	58	SE	12	74 73	81 80	59 56	67 83	1 3	2 5	8 5	0	2 2	1 0	14	51	5.9 8.1	775 729

#### COMPARATIVE DATA

Tabla 1

Year

*																				
	Т	emperah	ıra	P	recipitatio	on		T	emperatu	re	P	recipitatio	on		Te	mperatu	ZΦ	P	recipitati	on
M	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Ачитаде	Highest	Lowest	Average	Average	No. of days
	50.2 37.8 42.4 34.6 39.0 38.7 38.8 39.6 38.0 34.1 34.8 32.3 36.7 30.7 36.4 37.3 39.0 38.5	76 70 74 78 76 77 73 72 70 70 70 72 72 72 72 72 70 70	13 12 15 - 3 10 -11 6 7 3 -12 -15 12 -22 - 3 0 - 2 11 - 9 8	1.57 3.51 4.10 4.22 2.69 4.31 4.43 1.82 2.74 4.26 2.59 7.36 2.89 4.30 4.38 4.30 4.38 5.64 3.20	2.5 5.7 2.6 0.1 5.7 2.4 1.2 1.6		1912 1913 1914 1915 1916 1916 1917 1919 1920 1921 1923 1924 1925 1926 1927 1928 1928 1929	37.2 39.5 32.8 37.0 35.5 26.5 44.8 34.6 38.6 41.7 41.5 46.6 35.9 34.8 37.8 37.4 39.5 39.0 35.4	73 70 70 64 74 72 75 68 68 73 77 75 79 70 77	5 11 -16 9 -14 -21 14 3 4 18 5 8 -9 -5 5	3.98 2.73 5.22 7.56 4.23 2.01 4.44 4.93 2.89 4.40 5.64 6.60 5.97 0.89 6.01 3.37 2.32 2.72	5.2 11.6 7.7 3.3 10.1 17.3 0.7 1.0 2.0 0.1 0.2 2.1 1.2 1.7 0.3 0.5 T 6.8 2.6	9 7 7 14 12 10 8 12 7 9 9 7 12 14 9 5 5 10 12 7 11 8	1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949	30.0 40.5 35.5 37.9 38.8 42.7 42.5 36.3 35.2 33.0 31.8 42.3 37.8 40.5 40.9	63 70 68 67 72 75 72 76 68 63 63 65 77 73 74 73	-14 10 0 3 - 2 6 11 - 5 - 1 5 - 7 7	2.39 4.51 2.94 1.85 2.32 3.16 2.80 5.34 2.24 3.62 2.50 3.19 1.77 4.49 5.70 3.80	9.0 2.0 0.2 6.6 T T 4.5 1.3 4.4 7.6 1.0 T 1.6 0.3	9 10 12 7 7 7 11 8 13 9 11 10 7 5 10 11
	39.8 29.9 31.1 41.6	74 79 66 74	7 -14 - 3 11	3.46 3.37 6.25	0.4 3.3 6.6 0.4	9 8 12	1931 1932 1933 1934	37.9 44.2	73 72 75	- 8 - 5	5.48 4.32 4.99	1.9 1.4	13 12 10							

### REFERENCE NOTES

he four digit identification numbers in the index number column of the Station ladex are assigned on a state hasis. There will be no duplication of numbers with-

belayed data and corrections will be carried only in the June and December issues of this bulletin.

conthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this be letin.

stations appearing in the ladex, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

nless otherwise indicated, dimensional units used in this bulletin are: Temperatures in F<sup>5</sup>, precipitation and evaporation in inches, and wind movement in miles.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

s of January 1, 1949, dempoint values helow 32°F, and relative busidity values at temperatures helow 32°F, are expressed with respect to water rather than with empect to ice, as used prior to that date. Therefore, these hygro metric values hefore and after January 1, 1949, cannot accurately he combined without necessary operations.

amounts in Table 3 are from non-recording gages, unless otherwise indicated. amounts in Table 4 are from recording gages. Traces are not shown.

lo Record in Tables 3, 4, 6, 7 and the Station Index is indicated by a dash. No Record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is issing or accumulated for several days, only the first and last days are shown in Table 4. ata in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- \* And also on a later date or dates.

  \* And also on a later date or dates.

  \* One of the control
- R Station Equipped with recording gage only.

  S Storage precipitation station. Precipitation measurements, made at irregular intervals will be published in the June issue of this

  T Trace, an amount too small to measure.

  Y Includes total for previous month.

  E Hourly amounts from a recording gage at the same site may be found in Table 4.

Ubbecistion Price: 15 cents per copy. Monthly and Annual; \$1.50 per year (Yearly subscription includes the Annual Summary). Checks, postal notes and money orders and some Byballe to the Treasurer of the Intel States. Resittances and correspondence regarding subscriptions should be sent to the Weather Records Processing Center. 1300 U.S. Court follows, Chicago, 4 Illinois.

## CLIMATOLOGICAL DATA

KENTUCKY DECEMBER 1949

Table 2				Temperat	ure		_						Precipitati	ion				
							No. of	days						w, Sleet, Ha	ail	N	o. of day	ys
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
WESTERN DIVISION																		
BLAYER DAM FORDS FIRST DAM 50 GREENVILLE 2 W BUNDERSON 4 S W BOYEN SWILLE 2 E MAYPISLD 2 S MAYPISLD 2 S MAYPISLD 2 S MAYPISLD 2 S MAYPISLD CAN PRINCETON RUSSELLVILLE  DIVISION CENTRAL DIVISION	40.BM 41.8 43.8M 42.0 42.9 42.9 40.2 42.3 43.4 39.7 42.1 41.0M 41.6	2.7 5.4 4.7 4.1 4.0 2.5 3.7 2.8 2.3 3.9 3.7	69 69 68 70 72 69 71 70 68 70 71 70	20+ 20- 20+ 20 21 22 20 20+ 21+ 21+ 21+ 31	13 17 16 15 14 13 14 14 14 17 12	16 16 15+ 16 16 16 16 15+ 15+ 16		21 21 19 18 20 23 21 21 24 21 23	6.40 4.93 5.16 5.34 5.55 5.24 5.61 6.24 6.23 5.09 6.38	2.75 2.02 1.43 1.53 1.19 1.62 2.19 2.45 2.83 2.54	2.35 1.33 2.05 1.58 1.84 1.53 2.15 2.00 1.49 1.49	12 12 12 11 13 12 11 12 11 11	T T T T T	т	9	9 10 9 11 8 10 10 11 10 10 11 10 10	7 7 5 6 4 9 7 6 8 7	2 1 2 1 3 1 2 2 1 1
ANCHOMAGE BOULING GREEN WE AP BOULING GREEN WE AP CAMPBELLSY ILLE COVINCTON WE AP COVINCTON WE AP COVINCTON WE AP COVINCTON WE AP COVINCTON WE AP COVINCTON WE AP COVINCTON WE AP LEXINGTON WE ARRORD LEXINGTON WE ATROCT LOUISVILLE WE CITY ST JOHN BETWEEN COUNTSVILLE WE CITY ST JOHN BETWEEN SCIENCE HILL SCOTTSVILLE WILL ANGENER ACAD SCIENCE HILL SCOTTSVILLE WILL ANGTONN WILL ANGTONN WILL ANGTONN WOLF CREEK DAM	39.9 41.3 42.0 40.5 38.4 40.3 39.5 41.9 42.0 40.0 41.6 42.2 39.0 42.3 43.3 39.0 37.7	5.2 2.6 2.9 3.9 3.0 2.3 4.9 4.8 4.2 5.2 4.0 7.0 3.3 5.3	69 67 69 68 65 69 69 67 70 69 68 67 69 68 67 69 68	20+ 20- 20+ 22- 20- 21- 21+ 20+ 20- 20- 20- 20- 21- 20- 20- 21- 20- 21- 20- 21- 21- 21- 21- 21- 21- 21- 21- 21- 21	11 16 11 12 10 13 12 12 13 15 15 14 16 8 13 11 12 12 14	16 15+ 16 16 15 17 17+ 16 15+ 15 16 16 16 16 16 16 16		22 22 21 23 22 23 24 24 21 20 22 22 17 20 23 20 21 24 24 24 24 24	4.35 9.26 7.47 7.51 3.17 6.46 9.10 6.23 7.90 7.26 4.84 4.77 9.55 4.93 7.06 6.27 3.87 7.38	.72 4.97 4.06 2.39 2.26 5.03 2.56 3.51 3.49 1.10 1.03 5.93 4.52 1.07	1.21 4.47 2.12 2.21 .76 2.25 1.98 2.45 1.73 2.55 1.67 1.44 3.88 2.70 1.24 2.36 1.67 1.24 1.15 1.32	11 12 13 10 13 13 13 12 12 12 12 12 12 12 12 12 12 12 12 12	.3 T T 1.3 1.3 T .4 1.4 T T	1	10 9	10 12 11 10 10 10 11 11 13 13 11 11 10 9 10 10 11	446656665665567776555	1 2 3 3 3 2 2 3 4 4 1 2 2 1 1
DIVISION	40.8	4.1		Ì					6.48	2.85			.4					
EASTERN DIVISION ASSEADD DAW 29 BENNAM BERFA COLLEGE CORDIN CAA FARRENS FRANCES BERFA LOS 14 HINDMAN SETTLEMENT SCH MATSYLLE DAW 33 MOUNT STRELING PLEVILLE RICHMOND THACHERS COL WILLIAMSBURG DIVISION	39.0M 40.3 41.5 40.6 36.7 40.0 41.1 37.9 37.9 42.9 41.7 42.4 39.6 42.3	1.2 3.7 0.2 4.1 2.6 3.7 6.3 4.6 1.3 3.0 3.1	73 67 66 6B 65 68 68 63 67 71 67	22 21 20 12 21+ 20 21 13 22 13+ 20+ 21 21	13 11 9 11 7 13 10 11 11 10 15 14 17 13 13	16+ 24 16 16 15 16 15+ 16+ 17 16+ 16 16		22 23 21 23 25 21 20 25 25 21 20 25 21 20 19 22 19	4.69 4.15 5.44 5.40 4.75 6.16 4.41 3.21 5.27 4.89 3.78 6.25 3.95 4.82	1.52 1.32 1.01 .55 1.60 .90 .95 .31 2.44 .14 1.06	2.09 1.77 1.20 1.07 2.32 1.42 1.93 1.96 1.93 1.96 1.43 1.17 2.03 1.63	13 13 13 18 13 10 11 23 13 12 12 12 13 13 12	1.5 T T .2 T 1.5 T 1.0 T	T 2	10 23 10 10	15 14 10 12 10 10 9 9 11 19 12 13 12 9	54666 56766655	1 2 3 1 1 2 1 2 1 2 1
STATE	40.9	3.1							5,70	1.90			.3					
								DELAYE	D DATA	,								1
JULY 1949  EASTERN DIVISION BENHAM	7B.2								9.03		1,44	18	т			18	11	4
WESTERN DIVISION MAYFIELD 2 S PIKEVILLE OCTOBER 1949	78.8 80.0	- 0.3 2.4	93 98	1+ 9	64 61	17+ 31	18 22		3.29 3.79	- 0.59 - 0.81	.91 1.19	11 16				11 14	5 6	1
CENTRAL DIVISION GREENSBURG	61.7	4.3	88	9	34	27+			3.75	+ 0.86	. 60	6				12	7	
WESTERN DIVISION PIKEVILLE NOVEMBER 1949	64.3	- 4.4	90	9+	39	27	2		4.06	1.37	. 95	30				13	5	
MESTERN DIVISION																		

Table 3										D.F	71T	ı I	PN	EC.				Or	4											DRY	E MISE R	11749
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day IS	of m	onth 17	10	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ADDISOR DAM 43 K ALLEN AW WORAGE ASRCAND AGELAND DAM DB	T	.06		.15	20	.14 Ť	.36 .02 .06	.02	т	. 85 .77 .17 .57			0 .80 2 1.22 2 .23 0 *					.65 .18 .72	T .16			.18	T .72 T .75	,02		.02	.84	.07	.10			5.74 4.36 4.35
BARBOURVILLE WATHR WES R BARDSTOWN MAXTER MARLAR WTR WES R BEAVER DAM BERBAN				.07	.03	.03	, 16 T		.02 Ť	1,11 .30 .27	1.7	B .4 1 2.3 0 .0	4 1,11 6 ,28 8 1,77	.17			.01	. 64 . 88 . 49 . 81 . 07	.11				.04 T	. 02	.01	.04	.10					7,38 4,26 6,40 4,15
BENTOR R GEREA COLLEGE E SEREA WATER WORKS BOSTON 2 SW BOWLING ORKEN		T . 03		.36 .06 .14 .13		.22	.13 .13 .17 .18		.01	.36 .75 .57 .35	1.2	5 3.9	5 2.73			.02	.14	.40 .64 .56 .98 .45	.03 .18 .07 .22		.06	.27 .22 T .0R	T .38 .02 .09	. 02		.03	.01 .26 .35 .27 .47	.25			.02	5,44 5,60 6,86 9,74
BOWLING GREER SUBSTA BOWLING GREER WB AP Z DRENT DAW 36 BROWNSVILLE LOCK 6 BURGIN DIX DAW	Т			.04 .10 T .10		. 10	.03		.04 T	.03 .19 .20 .18 .83	1.0 2.8 .8 1.7 1.0	6 3.8 4 4.4 0 .8 5 2.8 0 1.3	8 3,21 7 ,09 2 ,61 9 2,45 0 2,12				.13	.59 .83 .78 .92 .70	.09			.16 .16 T .18	.03 T .01 T .11	т		.06 T	.33 .45 .58 .33 .80	T T				9.24 9.26 3.65 9.09 7.47
BUTENS IDE CADIZ LOCE E CAMPBELLSVILLE CARROLLTON LOCE 1 Z CESTRAL CITY R CLIMON R				.10 .18 .07	т	. 35	.10	. 10	.07	.2R .65	1.9	1 1.4	.02				.12	.53 .48 .61 .50	.10	.01 T	.21	.12 .38 .13	.43	т .		.08	.07 .47 .78 .55	.11				4,89 6,45 7,51 3,74 5,47
COLLEGE BILL LOCE 11 COLUMBIA LW COLLEGE CORSTANTINE R CORBIN CAA				.02	,14	.32	.01		.09	.16	.9.	3 1.30 8 .93	3 ,98				.53 * T	.76 1.10 1.07	.78		.21	.37 .34 .26 .15 .76	.12 .26			.80	.08					7.20 6.46 5.91 5.40
CORBIN WATER NORKS COVINCTON W B AIRPORT CYNTSIA RA OANVILLE DATELLA R DELPEIA	т			.02 .05	T	.01	T .13 .14	т	.06	.78 .43 .60 1.21	٠	7 1.4	3 ,01 5 1,94 1 2,25 5 ,72				.06	.53 .96 .67 .43	.05		т	.02. .58	.83 T			.35	.01 .49 .63 .11	T .02			Т	5.89 3.17 5.58 6.48 4.42
DEMA OUNDEE BARRETTS FRD 8R R DURMOR DUNNVILLE		т	т	. 30	.13		.42			.71 .56 1.00	1.3 1.7 1.9	0 .4 5 2.0 2 2.38 0 .10	1,33					.12 .92 .42 .94	.17			.28	.60 T T	.12		т	.36 T	.05				3.79 7.48 6.87 -
EDMONTOR R ELIZABETHTOWN PALMOUTH FARMERS FLEMINGSSURG FLEMINGSSURG POST OFF R		T T		,15 T T	. 03	, 15	.20 .05 .09 .09		.60	1,15 .50 .33 .40	3.6	5 3.84 1 .72 2 .41 6 .54	1,55 1,45 1,2,32 1,95				.28	.81 .53 .83	.15 .07 .18	.15		.02	.08 .03	.01		. 05	.24	.10				11,64 4,57 4,75 5,15
POND LOCK 10 PORDS FERRY DAW 50 Z PRANKFORT LOCK 4 PRANKLIN NATER NORKS 2 GEORGETOWN WATER WORKS GEST LOCK 3		т	T	.17 .04	т		.22 .13 .12				1.2	7 1.40	28 7 2.04 3 .31 1.98 2 2.57					.74 .60 .71 .81 .64	.02 .13 T .08		Т	.08 .14 .58 .06 .22	T			,25	.46 .45 .36 .30 .33	. 04			.02	5,81 5,91 4,93 5,63 9,69 6,17
GRANT DAM 36 GRAYSON		.03		.03 .12 T .05		т	.11 .03 .07		т	.47 .08 .32 .28	. 7	0 .34	2.20	.01			.66	.60 .81 T .46	.03		т	.07 .20 T	T T	т			.53 .39 .72 .52 .25	T .07				6.17 4.58 8.78 3.48 4.83
GREENSURG GREENSURG BIMAY 61 BR GREENUP DAW 30 GREENVILLE 2 W BALEYS WILL R BARTFORD 6 N BAZARD 2		. 04		.16	.05	.18	.05 .07			.30 .30 .25 .16 .19 .77 .35		5 2.20 0 3.03 4 .24 2 2.05 1 1.58	1.14	T .03			. 12	.90 .70 .30 .40 .20	.20 .11 .29			.21	T .13	т		.28	.70 .65 .20 .03	.15				9.10 8.19 4.41 5.16 5.24 6.64
BEADQUARTERS BEIDELBERG LOCK 14 2 BENDERSON 4 SN				.12 .16 .10 .35		.08	.03		T .04	.80	1.80	4.73 9 1.20 5 1.33	.98	.03			.02	.94 .43 .67	,30			.15	.33			.30 .18 .68	.35	.05				6.64 3.74 8.16 4.41 5.34 5.97
BICKSVILLE BIGS BRIDGE LOCK 7 BINDMAN SETTLEMENT SCH BODGENVILLE NAT PARE R BODEINSVILLE 2 E BIDEN				.12	,04	.09	.22		.17	.63 .55 .53	1.67	1,65	1.84	.08			.10	.20	.32			.41 .05 .15	.10	T		.01	.25 .63 .18	.05				5.97 6,24 7,42 3,21 8,45 5,55
BTDEN IRVINGTON JACKSON JENKINS R JENKINS NATER NORKS JERRHIAB				.01		. 02	.05		.07	.98 .66 .80	1,36 .18 .48 .35 .36		.22				.02	.65 .47 .15	,02	.30		.20 1.32 .23 .40 .60	.16	.83		. 53 . 36 . 08	.03 .09 .17	.16				6.23 4.35 4.10 2.86 3.80 6.27
JREMIAB KEENE 2 M KENTUCKY DAM LANCASTER ICE PLANT LAUNA LEITCHFIELD LEXIMOTION WB AIRPORT 2				.20	.01		.15 .34 .22			.60	,74	1,16	1.94	.26				.05 .84 .60	.30	.01		T .34	.04	Ť		T .04	.48 .51 .50	.07				6.10 5.96
LITTLE HICKMAN LOCK 8 Z	.01			.23 .05 .05 .05	.02	.10	T ,15		.14	.20 .47 .25 .85		2.96 7 2.42 0 1.05 2 1.00 7 2.06	1.05 1.80 .21 1.57 2.10 1.36 .26				.19	.89 1.10 .90 .69	.15			.12 .15 .17 .04	T .16 .12			.04	.36	.09				5.30 7.90 7.26 7.11 6.70 4.66 5,25
LOCKPORT LOCK 2 LOGICIC 1 S LOMBON POST OFFICE R LOUISA LOCK 3 LOUISVILLE BOWMAN FLD R LOUISVILLE BOWMAN FLD R LOUISVILLE BOWMAN FLD R LOUISVILLE BOWMAN FLD R	т	т	т	T .05	.10 T	.15	.05		.17	.25	.72	32	1.65	.05			.04	1.04 .22 .60	.25			.10	.32 T		. 01	.21 .12 .41	.07 .30 .03	.15				4.50 4.96 4.84
LOCAS R	Т		T	.05 .05 .05 .22 .15		.15 .24 .05	.25 .10		T T .07		2.30	9 1.67 0 1.01 0 1.44 8 .65 7 3.47 0 1.53	.85				.06 .20 .17	.60 .76 .58				.11 .54 .24	т			.50 .97 .02	.33					4,77 5,24 7,74 5,61 9,55
MADISONVILLE 1 SE MAMMOTH CAVE PARK MANCHESTER MATTIELD SUBSTA MATTIELD 2 S  MATTIELD 2 S  MATTIELD 2 M 33 Z  MC KINNEYSOURG R//	Т	т		. 40 . 47	. 02	.25	.20	т		, 13	2.34 2.15	.74 .87 5 1,18	.28 .77 .24				.13	.48 .62 .58 .55 .77	.35			.50	.12	т		.32	.25 .25	T .06				5,61 9,55 3,60 6,27 6,18 5,12 4,50
MIDDLESBORO RR STA R MIDNAY 2 S				.03	-	.15	.04	-	. 10		1.21	3.05 1.62 1.96 1.96 2.01 3.05	.22					.81 .71 1.05	.06		.16	. 40 . 86 . 05	.62			.09	.24 .11 .50					5.12 4.50 5.27 4.67 - 5.67 8.30
WILLERSTOWN WILLERSTOWN WORTICELLO WORNHEAD STA TEACH COL R WOUNT STERLING				.26		.30	.90		.07	.62	.70	2.23	.33				. 21	.63	.01			.11	. 54			.21	.32	. 54			.20	5.47

# DAILY PRECIPITATION

ERNTUCKY DECEMBER 1849

Station															Day	of m	onth															3
Siddon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	I5	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
MUNFORDVILLE 2 MURRAY OLIVE BILL R OLNEY ONEONTA DAM 35		.02		.14 .08 .13		.06	.12 .11	T	.02 T		1.97	2.00	2.52 .37 .32 4.37 1.16				T . 17	.81 .45 .65 .67	.02		т	.17 .31 .09	.03			.76 .18	T	.02 T				8.00 6.24 5.37 7.05 3.42
OWENSBORO OWENSBORO DAM 46 Z PADUCAB CAA PADDCAB NO 5 FIRE STA PADUCAB SCS NURSERY R	т		т	.15 .23 .25 .19		. 19	.17		T .10	.80 .46 .85	1,49	1.35 .35	.58				.64	.57 .57 .27 .75		т	.20	.33 .35 .33 .50	т			.80 .36 .92 .60	. 52 . 80 T . 49				.01	
PAINTSVILLE PIKEVILLE PINEVILLE PLEASUREVILLE 2 S PRINCETON		т		.02 T	. 03	T .42	T .02 .05		T .03	. 42	.38	.14	1.04 1.17 1.49 2.90	.08			,38	.03 .35 .14 2.10	.58 .07 .50			.39 .30 1.02	.43 .50 .74			1.28	.31 .04 T	.16				4.95 3.78 3.91 6.38
RAVEWNA LOCE 12 RICHMOND E STATE COL RUMSEY LOCK 2 RUSSELLVILLE ROSSELLVILLE SUBSTA		т		.07 .10 .20 .44			.15 .15 .12 .16			:44	2,80	1.48	1.73 2.03 .78 2.78 2.75					.60 .68 .62	.30 .21 .05			.07 .35 .18	.28	т		.06 .38	.16 .26 .80 .46	.02				5.02 6.23 6.10
SADIEVILLE WATER WORKS R ST JOHN BETHLEHEM ACAD ST MARY SALVISA LOCK 6 SALTERSVILLE R//				.05 .19 .05		.05	.26		.08	.33	1.40	3.73	.08 1.83 .11 2.49 .75				.18	1.03 1.11 .71 1.01 .35	T .18 .05	т		.04 .16 .13 .06 .29				.25 T .18 .03	.08 .37 .34 .57					5.44 8.62 7.42 8.09 4.71
SCIENCE BILL SCOTTSVILLE SEBREE WATER WORKS SHELBYVILLE 2 W SHEPHERDSVILLE	т	.01		.03 .11 .17 .08	т	,10	.02 .07 .02 .20 .30		т	.41 .62	1.11	2.36 1.03 1.64	.91				т	.88 .79 .67 .81	T .09			.36 .34 .40 .14	T T			.08 .03 1.13						4.93 7.06 5.33 6.23 6.66
SMITHFIELD 4 S R SOMERSET BIWAY DBPT R SPRINGFIELD STEARNS R SUMMER 5HADE SUBSTA			, 02	.07 .10 .09 .07		.10			.13	.91	1.12	2.29	3,32 .33 2.01 .76 1,33				.05	.68 .66 .87 .74 .56	.11	т		.13 .50 .72 .34	.13			.38 .07 .09	.04 .20 .54 .04	т				5.50 5.00 8.00 4.41 6.14
TATHAM SPRINGS R TATLORSVILLE TOMPEINSVILLE TEL OFF TURKEY CREEK SCBOOL				.10		.06	.20		.12	.42	1.41	1.87 3.71 1.07	1.51 .35 1.40 .65				.36	.97 .70 .54 .90	.10			.08 .14 .52				.23 .07 1.10	.20 .30 .28					8.11 5.98 6.4 6.22 5.32
TYRONE LOCK 5 UNIONTOWN DAM 49 VALLEY VIEW LOCK 9 VANCEBURG DAM 32 WAYNESBURG 6 E		.01		. 06 . 08 . 05			.13 .03 .17 .11			.37 .64 .31	1,16	1.05 2.78 .51	2.30 .10 2.05 1.85 1.55					.98 .68 .71 .41 .75	.35			.05 .54 .02	.06 T .08 .10	т		T ,37	.46 .38 .57 .56	.03				7.41 5.03 6.48 4.93 5.56
WEST LIBERTY WATER WES WILLIAMSBURG WILLIAMSTOWN WILLON LOCK 13 WOLF CREEK OAM Z				- .02 ?	.10		T .05 .08		,32	.30	.43 .69	1.63	1.15				.21	.47 .75 .12 .87	.25	. 02		.74	.25 T	. 04		.10	.23 .03 .30 .18	.19	т		т	3.95 3.85 5.25 5.31
WOOOBURY LOCK 4 Z				.14			.26		т	, 18	1,66	2.72	2.06					.50	, 03			.15					,18					7,88

DE	LA	YE	D:	D	A	1

JUNE 1949																																
CENTRAL CITY WIR WKS GRAYSON HYDEN JENKINS WATER WORKS LOUISVILLE BOWMAN FLD SADIEVILLE WATER WORKS					.08					.70	.08 .11 .34 1.90	.09		.01	.16	2.05	.20 .51 1.15 .05 .03	.28	. 10	.16	.43 T .05	.03	т	.21	1.15 .23 .03	.83	.73 Ť	.17	.05			5.59 2.61 1.68 5.14
JULY 1949																																
BENHAM CENTBAL CITY WTR WKS OAVELLA HYDEN KEENE 2 N MAYFIELD 2 S PIKEVILLE	.06	.13					.89 .23 .20 1.60 .76 T	.10		1.15 .76 1.50	.30 .91 .15		.21 2.28 2.05 .70 .45	.30 - .22 .60 .04 .62		.58	.22 1.10 .10	.56		.06 T	. 16	.04	- .36	.09	.05 T	- T	-	-	.36	.12 1.02	.03	9.03 - 4.11 7.00 3.29 3.79
AUGUST 1949																																
BARBOURVILLE WATER WKS CENTRAL CITY WTR WKS		.24		-	=		.20		-		_ '	.47	-		:	5.17			-	.10	.24	.17	-	. 13			-	.16			-	1
SEPTEMBER 1949																																
BARBOURVILLE WATER WKS CENTRAL CITY WITH WKS COVINCTON WB AIRPORT DELPHI HYDEN PADUCAB NO 5 FIRE STA			- T	.31 T	.01	2.05	т	.10	,			.14	.02	.02	.30	.12	.07 T	.93 .14 .06 -	1.31			.31	.09				.56 T	.14 - .12 .20 - .05	.06	-		1.90 - 0.98 - 4.32
OCTOBER 1949																																
BARBOURVILLE WATER WES CONSTANTINE DUNNYILLE GRANT DAM 3B CREENSBURG PIKEVILLE		.04	.34	.43	.96 .45 .01	.60	.66	.05	.15	.50		.32 .25 T	.41	.34 .15 .30 .45 .86	.75	.06	.14 .02 .73 .14 .10				. 12	.05 .21 .36 .25		.08	.19			.76	.10	- '	2.40 .25 .50	3.61 5.24 2.80 3.75 4.08
NOVEMBER 1949																																
BARBOURVILLE WATER WES BEREA WATER WORKS CONSTANTINE LONDON POST OFFICE MIDWAY 2 S	.14	.02		.05								.28	.51	.05			.02 .02 .01	.02						.96	.07 .48 .07	.03		1.39	.10 .34			1.74 - 3.10
PADUCAH SCS NURSERY PIKEVILLE BOWERSET BIWAY DEPT	.25	.05	.22									.67	.25			т	.02	.10			.03	.02		.01 .51 .41	.11			. 30				0.68 1.88 0.99

#### - CORRECTIONS -

Burgin Dix Daw, wind data, add \* on the 17th; delete B in total.
Wolf Creek Daw, add \* on all blank days; delete B in totals.

All months through September, 1849 Paducah TVA, delete all data. All Tables

MONTH: November, 1948
Western Division, Mayville 2 S should be Mayfield 2 S.

KENTUCKY

DECEMBER 1949

	Т					A	м На	ur end	ing									P.	м Но	ur end	ing				7	
Station	1	1	2	3	4	8	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Tota
The same of	t												-ls	st-							-	1	Н		-	
LEXINGTON WB AIRPORT													-3	d-							.01					.01
SOMERSET HIWAY DEPT																. 02										.02
ADDISON DAW 45				.01	. 06	. 06	. 01						-4	th-												. 14
ADDISON DAW 45 ADOLPHUS 1 N BARBOURVILLE WATER WKS		01	.02		. 15	.07	. 01	. 04	.01		. 03	.02		.01				.01								.06
BENTON 1 SW BOWLING GREEN WB AP CARROLLTON LOCK 1 CNNTRAL CITY		01	.02	. 13			. 08	. 01																		.38
CLINTON	4	01	.06	.02	.05	.10 .0B	.02		.01																	. 22
CORBIN CAA 8 DAVELLA DUNDEE BARRETTS FORD BR				.01	.09	. 12	. 05	. 03	.02	•	.04	.01	٠	٠	. 09											0.5
EDMONTON FLEMINGSBURG POST OFF FONDS FERRY DAM 50 FRANKLIN WATER WORKS	١.	01 01	.01	. 07	.07		.01	.05	. 04																	.30
GEST LOCK 3	1	01	.01	.07	,07	.01	.01	.01	.04																	.02 .16 .07 .03
HEIDELBERG LOCK 14 //					. 01	. 03	.01	.03	.01	.02 .02		.01														.04 .10 .10
HODGENVILLE NAT PARK JENKINS KENTUCKY DAM			. 02	. ОВ	. 14	.08	.02	.01	.01	.01																.12 .01 .28
LEXINGTON WB AIRPORT LIBERTY //							.03	.02	.01	.01																.05
LITTLE HICKMAN LOCK B LOGLICK 1 S LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN WB AP LOUISVILLE STAN WB AP LOUISVILLE WB CITY	-		-	-	-	-	_	06	.01	_	_	_	_	-	_	-	-	_	_	_	_	_	-	_	_	. 03
LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP					.03	.02		.01		. 03	.02															.05
WADISONVILLE 1 SE			.01	.07	.01	.02	, 02	. 15																		.05 .05 .05 .15
MAYSVILLE DAM 33 // MILLERSBURG								.02	.03	.01	.01															.03
MOREBEAD STA TEACH COL MUNFORDVILLE OLIVE HILL							. 05		.02	. 06																.03
OWENSBORO DAM 46 PADUCAH CAA PADUCAH SCS NURSERY PIKEVILLE			.01	.04	.06	.03	. 23	.01																		. 14
PIKEVILLE RUMSEY LOCK 2 SADIEVILLE WATER WORKS SALTERSVILLE //	١.	01	.01	. 02	. 10	. 07		. 01	.01		. 01	. 02														.02
SALYERSVILLE // SM1THFIELD 4 S SOMERSET HIWAY DEPT						. 04	. 01	.01	.04	.01	, 04															.09
STEARNS TATHAM SPRINGS TOMPKINSVILLE						. 03	.04	.02	.02	.03	.01	. 01	.01													.10
WOLF CREEK DAM	. 0	01	. 04	. 02	.01	.01		.03	.06																	.02 .20 .05 .09 .07 .10 .07 .10 .09 .09
WOODBURY LOCK 4					. 02	,06	.06						-61	th-												.14
ADDISON DAM 45 // ADOLPHUS 1 N //																.01	. 05	.16	.11	.02				.01		. 35
BAXTER HARLAN WATER WKS BENTON 1 SW BENEA COLLEGE																. 04	. 14	.01	.01	.02			. 03	.01		.35 .05 .03
BOWLING GREEN WB AP CARROLLTON LOCK 1																		. 03	.03	.02	.05	.01	.02			. 10 . 07 . 04 . 35
CENTRAL CITY CLINTON CONSTANTINE														.01		. 17	.0B .03	.14	.07	.03	.02	.01				. 35 . 20 . 32
CORBIN CAA 6 COVINGTON W B AIRPORT 6 DUNDEE BARRETTS FORD BR																.01	.14	. 13	. 10	. 02	.01	*	•	*	*	
DUNDEE BARRETTS FORD BR EDMONTON FLEMINGSBURG POST OFF FORDS FERRY DAW 50															.03	.02	.05	. 10	.02	.01	.02	.01	.03			.43 .06 .15
FORDS FERRY DAW 50 FRANKLIN WATER WORKS GEST LOCK 3 HEIDELBERG LOCK 14															.03	.02	.03		.0B	. 01						.10 .08 .0B
HEIDELBERG LOCK 14 HERNDON BODGENVILLE NAT PARK JENKINS																	. 02	. 07	.03	.01	.02		. 01			.03
KENTUCKY DAM LEXINGTON WB AIRPORT														. 09	.11	. 19		. 04	.10	.06	. 03	. 01	. 01			.09 .02 .39 .23
LIBERTY LITTLE HICKMAN LOCK B LOGICK 1 S LONDON POST OFFICE LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY																			. 03	.06 .03 .05	.05	.03	.03	. 02		. 16 . 0B . 10
LONDON POST OFFICE LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AD	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.10	.03	- 02	-	.02	.15
LOUISVILLE WB CITY LUCAS																	.01	.05	.0B .05 .02	.02 .01 .03 .03	.02					.15 .05 .24
LUCAS MADISONVILLE 1 SE MATSVILLE DAM 33 MC KINNEYSBURG MILLERSBURG																.0B	.10	.03		.02	.03	.03		.02		.24 .10 .05
OLIVE HILL																			.03	.04	.06	.02	.01		. 02	.15
OWENSBORO DAM 46 PADUCAH CAA 6 PADUCAH SCS NURSERY															.09	.04	.03	;11	.19	.01	.04	,02	,01			. 19
															. 09	.04	. 02	.02	.01	. 02			. 01			.15
RUNSEY LOCK 2 SADJEVILLE WATER WORKS ST MARYS COLLEGE SALYERSVILLE																		.02	.01	.07	.02	.01	.01			. 14
SOMERSET HIWAY DEPT TATHAM SDRINGS																	.01	.02	.03	.01	.03		.02			.01 .10 .14 .05 .04 .10 .05
TOMPKINSVILLE UNIONTOWN DAM 49 //															.01		.02	,00	.01	.05					1	.08

KENTUCKY DECEMBEE 1949

Station						A. b	M. Hou	r endir	ng									P. N	. Hou	r endir	ng .					Total
Statut		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Į,
WOLF CREEK DAM WOODBURY LOCK 4																	.01	, 08	, 12	.02	. 01	.02	.01			.05
												-	-7t	h-												
CORBIN CAA	6	•	. 02	*	•	*	•	•	.01				-9t	h-												
ADDISON DAW 45	//													•					Ì					.05	.11	. 16
BAXTER HARLAN WATER WKS BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP													- 4										. 01	.02	.02	.01
	//																.01	.01		. 02		. 03	.05	.02	.08	. 16 . 02 . 01 . 07 . 04 . 18
CENTRAL CITY CLINTON CONSTANTINE		-	-	-	-	-	-	-	-	-	-	-	- 1	-	-	-	-	-	-	-	-	-	=	-	.01	. 01
CORBIN CAA " CORBIN CAA " COVINGTON W B AIRPORT DAVELLA DUNDEE BARRETTS FORD BR	6																					•	•	•	.01	. 01
DUNDEE BARRETTS FORD BR EDMONTON FORDS FERRY DAM 50																	.01	.03	.03	.01	.07	.03	.03	.02	. 10	.01
GEST LOCK 3	//																					.01	.01	.02	.05	.01
HEIDELBERG LOCK 14 BODGENVILLE NAT PARK JENKINS	//												- 19						. 03	.05	.02	. 01	.01	.02 .03 .04	.01	.01
LEXINGTON WB AIRPORT LIBERTY LITTLE BICKMAN LOCK 8 LOGLICK 1 S	//																			. 03	.02	.04	.04	.05	. 10	.00 .06 .06 .17 .07
LOGLICK 1 S LONDON POST OFFICE LOUISA LOCK 3	,,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	.07	.03	.06	
LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP																				.01	.03	.02	.05	.01 .03 .05 .02 .04	.03	.0:
LUCAS MADISONVILLE 1 SE MAYSVILLE DAM 33	//																						.03		.02	.01
MILLERSBURG MOREHEAD STA TEACH COL MUNFORDVILLE	"																						.02	.06	.02	.10
OLIVE HILL																		. 03	. 03	. 03	.01	. 07	.12	.02	.07	. 03
PLESVILLE RUMSEY LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE SALYERSVILLE																			. 01	.03	, 05	. 02	.03	.03	.02	.0: .5: .0: .2: .0: .5:
ST MARYS COLLEGE SALYERSVILLE	//																		.05	. 12	.16	. 09	.06	. 03	. 05	
SMITHFIELD 4 S SOMERSET BIWAY DEPT STEARNS																			.03	.04	.03	.01	.02	•		.1
TATHAM SPRINGS UNIONTOWN DAM 49 WOLF CREEK DAM	//																	.01	.02	, 02		. 04	, 15	.03	. 09	.3:
WOODBURY LOCK 4													-10	+h				.02	.01	.01			.01	.01		.0
ADDISON DAM 45	//	. 09	. 05	.03	.07	. 05	. 15	.11	. 04	.06	.01	. 05	.01	.01	,03			. 01	.01	. 01	.03	.03	.06	.03	.17	1.0
ADDISON DAM 45 ADOLPHUS 1 N BARBOURVILLE WATER WKS RAXTER HARLAN WATER WKS	//	. 01	.02	-	-	-	.01	.13	.06	.01	-	- 05		-	-	-	.03	-	.01		-		-	-	-02	
BAXTER HARLAN WATER WAS BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1		.05	.10	. 13	, 06	.01		.01	.01	. 17	, 01	.02		.04	.04	.04	. 02	. 03	.08	.02	.05	.01	.03	.01 .02 .05	.03	.7
CENTRAL CITY	//	. 05	.04	. 08	. 08	. 12	. 05	.05	. 09	.05	.07	.02	.07	.01	.01	. 01	.01	. 01	. 02	.01	.06	.01	.01	.25	.01	.3 .7 .1 .7
CLINTON CORBIN CAA COVINGTON W B AIRPORT	6	:	.09						.21	:	:	:	:	:	. 15	:	:	*	*	:	.13	.04	*	*	:	
DAVELLA DUNDEE BARRETTS FORD BR		.09	.01	.03	.09	.04	. 05	.05	.02	.03	.06	. 09	. 15	.11	, 32	.07	.01	.02		.01	.03 .02 .09	.01	.06	.06	.16	1.2 .8 .4 .6 .5 .5 .5 .6 .2 .5 .6 .2 .5 .6 .2 .5 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6
EDMONTON FLEMINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS		.01	. 03	.01		.06	.06	.09	. 07	. 07	.07	.01	.01	.06	.01	.01	.01		.02		.02	. 07	.22	.01	.10	.5
GEST LOCK 3 HALEYS MILL				, 19	.11	.07	. 06	. 03	. 04	.06		.02	.01	.01							.02	.02	.04	. 12		.5
HAZARD HEIDELBERG LOCK 14	1/1	.02	. 02	.04	.07	.03	.06	.06	.12	.01	. 05	.06			. 02	. 01	.07	.01	.01	.01		. 07	,12	.01	.03 .02 .02 .02 .03	.6
HERNDON BODGENVILLE NAT PARK JENKINS		.06	.07	.03	.01	.03	.03	.14	.01	.03	. 07	.01	. 01			. 02		.03	.03		.01	.01	.04	.01	.03	.8
KENTUCKY DAW LEXINGTON WB AIRPORT LIBERTY	//	. 05	.05	.05	.02	.01		.01	.03	. 03	.07	.06	.02	. 11	.02		. 03	.01	.01	.03		.03		.02	. 02	1.6
LIBERTY LITTLE BICKMAN LOCK 6 LOGLICK 1 S LOUISA LOCK 3 LOUISYILLE BOWMAN FLD LOUISYILLE STAN W B AP LOUISVILLE WB CITY	//	.12	.06	.09	.02	. 04	.02	.01	.08	.20	.16	.09	.09	.05	.02	.02	.05	. 0,3	. 02			.02	.01	.02	.02	1.1
LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP		.03	.08	.04	.02 .01 .07	.02 .01 .05	.02	.02	.03 .05 .02	.03	.09 .04 .03	. 03	.01	.03									.04	. 03 . 05 . 05	. 05 . 04 . 05	.4
		.02	.03	.09	.07	.05						. 12	.01		. 01		.02		.01		. 02	.01	.01	.02	.03	.2
WADISONVILLE 1 SE				*	*	٠	. 35	.03	.10	.19	.03	.06	.01	.02	.03	.02	.01	.02			. 02			. 01	.02	.6 .5 .4 .7 .3 .2 .9 .6 .7 .7
MADISONVILLE 1 SE MAYSVILLE DAM 33	%	1					.07			.03		.02 .03 .07	.04	.16 .06 .14	.01	.06	.01	.04	.02	.02	.01		.02		.01	1 .
MADISONVILLE 1 SE MATSVILLE DAM 33 MC KINNEYSBURG MIDDLESBORO RR STA MILLERSBURG MODERAD STA TEACH COL.	//	. 04	.02	.03	.06	.17	. 07	-00															.01	.02	. 01	. 7
MADISONVILLE 1 SE MATSVILLE DAM 33 MC MINNEYSBURG MIDDLESBORO RR STA MILLERSBURG MOREBEAD STA TEACB COL OLIVE HIL. OWENSBORD DAM 46	// // 8	.04	. 02	.03	.06	.03	. 02	.03		.04	.07	*	*	:	:	:		:	.09		*	*		.02	. 36	
MADISONVILLE 1 SE MATSVILLE DAM 33 MC KINNEYSBURG MIDDLESBORO RR STA MILLERSBURG MORRERAD STA TEACH COL OUTEN SBORO DAM 46 PADUCAB CAA PADUCAB SCS NURSERY		.02	.02	.03	.06	.03	.03		.01	. 01	.11	•	•	.02	:	*	.01	.01	*	* .06 .01	. 08 . 02	. 21		.01	.36	
MADISONVILLE 1 SE MATSVILLE DAM 33 MC KINNEYSBURG MIDDLESBORO RR STA MILLERSBURG MORREAD STA TEACH COL OUTEN SBORO DAM 46 PADUCAH SCS NURSERY	8	.02	* .10	.03 * .01 .06 .02	.06 .07 * .01 .02 .01	.03 .05 .07 .02 .10	.03	.03	.01	.01	.11	.02	.02	.02	:	.01	.01	.01	.09	.06	* .08 .02		.02	.01	. 36	
WADISONVILLE 1 SE MATSTILLE DAM 33 MC KINNEYSURG MIDDLESSORG OR STA MILLERSBURG MILLERSBURG MORREEAD STA TEACH COL OLIVE HIL. OLIVE HIL. PANDICAR CA. PADICAR SCS NURSERY PIEZYILLE RUMST LOCK 2 ST MARTS COLLAGE ST MARTS COLLAGE ST MARTS COLLAGE		.05	* .10	.03 .03 * .01	.06 .07 .01 .02 .01 .10	.03 .05 .07 .02 .10	.03 7 .16 2 .06 0 .03 7 .09	.03	.01 .02 .01	.01	.11	.02	.02		. 20	.01	.01	.01	.09	.06		.01	.02	.01	.36 .05 .05	1.0
MADISONVILLE I SE MADISONVILLE I SE MATSTILLE DAMA 33 MC KINDKISSONG RE STA MILLERSBURG MILLERSBURG MORRERAD STA TEACE COL OLIVE SII. OPENSBORG DAM 46 PADOCAB CAA PADOCAB CAA PADOCAB CAS PIKEVILLE Z SAUBSTILLE AFER FORKS ST MARTS COLLEGE ST MARTS COLLEGE SALTERSVILLE	8	.02	.10	.03 .03 .01 .06 .02 .06	.06 .07 .01 .02 .01 .02 .01 .03	.03 .05 * .07 .02 .10 .07	.03 7 .16 2 .06 0 .03 7 .09 7 .06	.03 .07 .03 .08 .03	.01	.01	.11	.02	.02	.02	. 20	.01	.01 .01	.01	.09	* .06 .01 .01	.08	.01	.02	.01	.36	1.0

REMTUCKY

DECEMBER 1949

		А М Но	ar ending			P M Hour endir	ig	7
Station	1 2 3	4 5 6	7 8 9	10 11 12	1 2 3 4	5 6 7	8 9 10 11	12
WOODBURY LOCK 4	.02 .08						.07 .03 ,1	15 .04 .39
ADDISON DAM 45 ADOLPBUS 1 N	.10 .06 .07 .04 .08 .04	.10 .05 .04 .08 .21 .30	.07 .18 .20	.18 .09	lth— .05	01 .01	.17 .0	01 .02 1.37 .02 .64 .68
ADOLPHUS 1 N 6AXTER HARLAN WATER WKS 6ENTON 1 SW BEREA COLLEGE	.02 .02 .02 .05 .04 .11 .01 .03	.01 .18 .07 .41	.03 .09 .04 .70 .25 .11 .09 .08 .12		.01		.31 .25 .13 .0	.68 .06 .01 2.67 1.02
CARROLLTON LOCK 1	.03 .07 .08 .05 .08 .08 .02 .07 .08	.08 .07 .32 .10 .08 .04 .12 .19 .08	.36 .69 .15 .01 * * .20 .20 .05	. 05 . 15	.05 .01 .01	01	.04 .1	10 .36 2.45 .71 26 .06 1.91
CLINTON CORBIN CAA COVINGTON W B AIRPORT 6	.05 .06 .10 * .05 * * .10 *	.12 .19 .08 .03 .35 .73	.20 .20 .05 1.30 .02 * .16 * * .32 *		* .80 * *	.01 .13	.18 .05	2.99
DAVELLA DUNDEE BARRETTS FORD BR	.10 .09 .08	.16 .22 .15	.12 .24 .11		* .05 * *	: : :	.01 .46 .3	
EDMONTON FLEMINGSBURG POST OFF FORDS FERRY DAM 50	.05 .05 .10 .01 .02 .01 .07 .06 .04	.05 .10 .20 .02 .04 .08 .05 .12 .03	.31 .25 .49 .05 .05 .09 .19 .05 .32	.25 .07 .07 .02 .04 .12	.05 .02	.01	.01	1.65 .61 10 .06 1.59
FORDS FERRY DAW 50 FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL	.04 .14 .06 .03 .03 .04 .02 .07 .08	.05 .12 .03 .06 .27 .47 .07 .11 .03 .17 .21 .21	.48 .28 .02 .07 .02 .07 .41 .39 .07	.02 .01 .09 .06	.04	01	.21 .29 .3	07 .76 2.70 .06 .75
BAZARD HEIDELBERG LOCK 14 HERNDON	.02 .01	.01 .01	.02 .08	.16 .08 .02	.01 .01	DI	.21 .29 .3	.45 1.11
BODGENVILLE NAT PARK JENKINS	.05 .07 .11	.09 .07 .08	.30 .08 .08 .20 .25 .19 .01 .03 .01	.03 .01 .15 .06 .06 .04 .08 .17	.01 .01 .	01		7 .19 1.87
KENTUCKY DAM LEXINGTON WB AIRPORT LIBERTY	.08 .05 .15 .03 .03 .02 .04 .03 .02	.06 .11 .11 .02 .15 .08 .07 .06 .07	1.00 .39 .01 .03 .10 .12 .09 .31 .32	.01 .18 .08 .07	. 12	.10	.20 .10 .10 .0	.48 07 2.56 .03 1.08 .05 1.31
LITTLE BICKMAN LOCK 6 // LOGLICK 1 S	.01 .03 .02 .01 .03	.05 .03 .02 .03 .06	.03 .09 .06 .06 .07 .06 .02 .02	.21 .04 .22 .05 .11 .23 .08 .03 .03 .05	.01 .02 .07 .01 .02	. 02		.71
LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY	.06 .16 .07	.09 .12 .04	.02 .06 .10	.15 .04 .08 .18 .01 .08	. 01	. 02	.0	9 .09 1.06
WADISONVILLE 1 SE	.11 .14 .05 .02 .06 .03 .01 .04 .05	.10 .09 .02 .04 .10 .29 .10 .13 .06	.04 .07 .06 .31 .46 .55 .07 .27 .27 .05 .09 .03	.04 .01	.02 .01	01 .01	.02 .00 .00	9 .01 1.10 02 .12 2.07
MAYSVILLE DAM 33 // MC KINNEYSBURG // WIDDLESBORG RR STA	.02 .03 .04 .02 .03	.01 .01 .09 .01 .01	.05 .09 .03 .06 .05 .06 .03 .12 .18	.05 .01 .03 .04 .04 .03 .07 .06 .01	.02 .01 .04 .0	.01		.01 .54
WIDDLESBORO RR STA WILLERSBURG WOREHEAD STA TEACH COL OLIVE BILL	.01 .04 .02	.02 .05	.05 .03 .04	.04 .14 .08	.18			.70
PADUCAH CAA PADUCAB SCS NURSERY PIKEVILLE	.05 .06 .04	.04 .03 .17	.09 23 03	* * .48		* .02 * .01 .09	.16 .02	.50
RUMSEY LOCK 2	.01 .01 .04 .04 .07 .01 .03 .04	.01 .05 .08 .07 .05 .10 .06	.02 .01 .08 .18 .24 .05 .07 .08	.02 .05 .13 .10 .01 .04 .07 .08 .02	.05 .02 .01 .10 .03		.21 .16 .0	.33 4 .05 1.47 .61
ST WARYS COLLEGE SALVERSVILLE SMITHFIELD 4 5	.02 .04 .04	.10 .06 .03 .01 .01 .01 .09 .11 .06	.07 .22 .16 .02 .04 .02 .06 .03 .09	.05 .18 .04 .13 .11 .25 .04 .14 *	.02 .03 .10 .10 .01	.01	.0	2 .08 1.16
SOMERSET HIWAY DEPT STEARNS	.04 .04 .02	.03 .08 .12	.22 .21 .34 .18 .26 .10	.04 .01 .01	.02			1.12
TATHAM SPRINGS TOMPKINSVILLE UNIONTOWN DAW 49 //	.03 .05 .05	.04 .07 .19 .04 .04 .19	.35 .10 .04	.14 .10 .05	.04 .01 .01	.01 .11	.16 .02 .2	.14 1.20 8 1.56
WOLF CREEK DAM WOODBURY LOCK 4	.02 .01 .01 .09 .05 .17	.04 .04 .08 .10 .25 .45	.21 .36 .03 .27 .38 .30	.10 .02	.01		.13 .3	, 60
ADDISON DAM 45 // ADOLPHUS 1 N //	.25 .05	.01 .02 .02	.06 .04 .05	-12	2th- .09 .04 .03 .0	13 .02	.03 .01 .06 .0	2 .01 1.23
BARBOURVILLE WATER WKS	.13 .23 .11	.25 .13 .17	.10 .05 .25	.09 .25 .03	.02 .02 .02	.10 .11 .06	.13 .07 .02 .0 .03 .06 .03 .0	3 .19 2.56 6 .11 -
BAXTER BARLAN WATER WKS BENTON 1 5W SEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1 //	.02 .20 .02 .42 .76 .47	.02 .10	.10 .11 .10	.08 .06 .02	.06 .05 .02 .0	. 05	.03 .06 .03 .25 .09 .17 .2	.01 .95 0 .01 1.64
	.03 .05 .07	.19 .26 .12 .04 .01 .07 .03 .11	.10 .12 .03 .03 .07 .02 .05 .05	.09 .04 .14	.20 .28 .19 .1 .10 .07 .13 .05 .08 .13 .0	. 02	.11 .19 .13 .0 .03 .05 .0 .03 .03 .07 .0	4 .01 .95
CLINTON CONSTANTINE CORBIN CAA 6		.01 .01	.08 .04 .07	.06 .02 .08	.02	.01 .06	.05 .07 .02	.61
COVINGTON W B AIRPORT 6 DAVELLA DUNDEE BARRETTS FORD BR	* * * .06 .15 .01	* * * * * * .03 .07 .01	* .15 * * * * .10 .03 .05	.17 .10 .09	.16 * * *	3 .07 .01	.16 * * * * .06 .01 .03 .03	1.15 1.15
DUNDEE BARRETTS FORD BR EOMONTON FLEMINGSBURG POST OFF FORDS FERRY DAM 50	.04 .08 .18	.07 .07 .24	.21 .20 .12 .08 .23 .11	.12 .12 .02	.02 .03 .0	2 .03 .08 .14	.05 .16 .06	.09 2.19
FRANKLIN WATER WORKS GEST LOCK 3 BALEYS MILL	1.06 .35 .41 .13 .05 .02	.37 .19 .07 .11 .03 .24	.07 .16 .09	.19 .05 .10 .12 .06 .20	.06 .11 .08 .1		.05 .01	.29 9 .06 1.94 5 1.58
HAZARD // HEIDELBERG LOCK 14 //	.13 .02 .01	.09 .09: .01 .04 .03 .02	.05 .05 .05 .02 .01 .01 .02	.14 .07 .19	.03 .01 .03 .0	2 .08 .06 .01 3 .04 .03	.04 .06 .06 .05 .03 .06 .06 .06 .04 .10 .10 .10	4 .11 .55 6 .13 1.05
HERNDON BODGENVILLE NAT PARK JENKINS	.56 .18 .29	* * 1.01 .36 .17 .05	.04 .10 .09 .14 .17 .04 .02 .01	.11 .25 .40 .04 .19 .24	.12 .08 .09 .1 .40 .21 .18 .1	1 .15 .04 .09	.08 .09 .04 .01 .04 .15 .10 .01	1 .05 4.73
KENTUCKY DAM LEXINGTON WB AIRPORT	.08 .17 .05 .05 .13 .06	.04 .09 .04 .04 .27 .05	.02 .09 .09 .07 .11 .25	.02 .06 .07 .10 .07 .20	* * * * .15 .26 .13 .0		* .16 .10 .10 .14 .05	.66 5 .07 2.96
LITTLE HICKMAN LOCK 8 //	.02 .10 .03	.02 .03 .04 .01 .03 .02	.24 .12 .20 .03 .13 .12	.14 .13 .23 .18 .10 .05	.02 .05 .0	3 .03 .02 .20	.18 .12 .23 .12	2 .05 2.35
LOUISA LOCK 3 LOOISYILLE BOWMAN FLD LOUISYILLE STAN W B AP LOUISYILLE WB CITY	.10 .03 .25 .09 .04 .18	.05 .04 .09 .17 .03 .10 .15	.03 .05 .09 .09 .01 .15 .07	.01 .01 .05 .06 .14 .05 .09 .17	.09 .03 .0 .12 .09 .07 .0 .15 .05 .05 .0	3 .17 .08 .09 7 .01 .03 .01 7 .01 .04	.01 .01 .07 .09 .05 .04 .03	3 .03 1.67
LOUISVILLE WB CITY LUCAS WADISONVILLE 1 5E WAYSVILLE DAW 33	.01 .10 .10 .32 .24 .25 .06 .04 .02	.04 .04 .05 .50 .19 .20	.05 .06 .13 .10 .22 .31 .06 .05 .09	.11 .06 .18 .07 .15 .04 .18 .05 .09	.14 .06 .06 .0 .02 .03 .04 .0 .05 .02 .05 .0	3 07 15 16	.05 .05 .05 .07 .09 .04 .05 .03 .03 .02 .03	1.44
MAYSVILLE DAM 33 MC KINNEYSBURG MIDDLESBORO RR STA	.02 .10 .06 .07	.05 .04 .01 .02 .08	.01 .13 .10	.06 .14 .12	.10 .17 .18 .0	7 .01 .01 .07	.05 .08 .09 .06	1.09 5 .12 1.78 8 .06 1.96
MILLERSBURG MOREHEAD STA TEACH COL OLIVE HILL	,05 ,01	. 20	.05 .10	.09 .06 .13	.19 .25 .08 .0	7 .03 .02 .01 8 .04 .10 .21 4 .06 .01 .06	.02 .03 .03 .02 .11 .05 .18 .06 .19 .20 .16 .18	3 .05 3.05
OUTVE HILL OWENSBORO DAW 46 PADUCAH CAA PADUCAH SCS NURSERY	04	.04 .01	.06	.20 .19 .11 • 2.57 .04 • • .21	.04 .07	.01	.21 .19 .18 .21	3.32
PIKEVILLE	.13 .01 .04	.01 .01	.02 .05 .05 .02 .10 .04 .04	.04 .02 .01	.05 .01 .01 .01 .01 .06 .03 .03 .03	.01 .02 .02 .	.03 .06 .01 .01 .01 .02 .02 .01 .07	01 .43
SADIEVILLE WATER WORKS ST MARYS COLLEGE SALYERSVILLE	.13 .01 .04 .13 .10 .10 .22 .35 .24	.01 .02 .01 .03 .17 .10 .13 .34 .08 .03 .02	.09 .23 .22 .12 .23 .10 .07 .03	.11 .09 .13 .08 .23 .12 .02 .02 .11	.09 .11 .05 .09 .25 .10 .17 .09	11 05 06	.05 .07 .07 .06 .09 .19 .11 .05 .03 .06 .06 .02	
SOMERSET HIWAY DEPT STEARNS	.01	.01 .06 .06	.07 .03 .07 .10 .10 .02 .01	.02 .02 .11 .05 .01 .01	.01 .07 .05 .04	3 .01 .04 .	.03 .06 .06 .02 .04 .05 .13 .35 .02 .05 .06 .14	1.16

OECEMBER 1949

					A. N	A Hou	ır endi	ng									P. N	l. How	endin	ıg					7
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	n	12	Total
TATHAM SPRINGS TOMPKINSVILLE	. 29	.13	. 28	. 36	. 30	.07	. 19	.21	.08	.07	. 16	. 16	. 30	.14	. 15	.06	. 15	. 10	.11	.04	.11	. 13	.02	.07	3.68 3.71 .05
UNIONTOWN OAM 49 WOLF CREEK DAM	.23	. 25	. 18	. 22	.21	. 12	. 10	.04	. 25	. 16	.02	. 01	.01 .01 .25	.03	.03	.02	.10	.03	. 04	.03 .06 .13	.01 .07 .12	. 15	.04	. 02	. 05 1.41 3.06
WOODBURY LOCK 4	,23	, 25	. 18	, 22	.07	. 04	.04	.01	. 02	. 14		-13		. 15	.07	.18	.10	.04	. 04	. 13	. 12	.07	.08	.03	3,06
AODISON DAM 45	.01	. 08	.01																						. 02
BARBOURVILLE WATER WKS BAXTER HARLAN WATER WKS	.10	.20	. 15	. 21	. 15	.09	. 05	.08	. 04	. 01															1.03
BERTON 1 SW BEREA COLLEGE BOWLING CREEN WR AD	. 06	.10	.02	.03	.01																				. 02
AODISON DAW 45 AODISHUS IN WATER WKS BANTUR HABLAN WATER WKS BANTUR HABLAN WATER WKS BERTON I SW BEREA COLLEGE BOWLING GREEN WB AP CAMROLITON LOCK 1 CENTRAL CITY	. 02		.02																						.02 .21 1.03 1.11 .02 .25 .10 .02 .02
CLINTON CORBIN CAA COVINGTON W B AIRPORT 6	:	.02	:	:	:	:	:	. 81	*	٠	*	٠	*	.01											
OAVELLA OUNDER BARRETTS FORD BR	.07	.11 .12 .01 .07	.10	.18	. 10	. 06	.02	.02	. 05																.72 .08 .26 .28
EDMONTON FLEWINGSBURG POST OFF FRANKLIN WATER WORKS GEST LOCK 3	.08		.06	.01	.01	_	_	_	_	-	_	- 1	-	_	_	_	_	-	-	-	-	_	_	-	
BALEYS WILL	.03 .01 .11	.02	22	. 25	11	. 07	. 08	.01	.01	. 01	.01														.09
HEIOELBERG LOCK 14 HODGENVILLE NAT PARK	. 04	.14	.22 .09 .02	.04	. 02	. 11	. 02	. 01		.01															.44
JENKINS LEXINGTON WB AIRPORT	.16	.01 .18 .14 .01 .04 .08	. 03	.18	.20	.18	. 10	. 07	. 12	.01	. 01	.03	. 01	. 01											. 21
LITTLE BICKMAN LOCK 8 // LOGLICK 1 S	.08	.01	.05	.01	.01											1									.09 .02 1.05 .44 .10 1.31 .21 .19 .16
LIBERTY LITTLE BICKMAN LOCK 8 LOCALICK 1 S LOMBON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWMAN FLO LOUISVILLE STAN W B AP LOUISVILLE WB CITY	.07	. 15	. 12	.14	.14	. 09	.06	-	. 02	,01	-	-	. 02	-			-	-	-	-	-	-	-		. 82
LOUISVILLE STAN W B AP LOUISVILLE WB CITY	.04	.02	. 03																						.04
LUCAS MAGISONVILLE 1 SE MAYSVILLE OAM 33 MC KINNEYSBURG	.02	.05	.01	. 05	. 03		.01				. 01	.01													.82 .06 .04 .04 .21 .02 .20 .13 1,50 .22 .33
	.04		.01	.02	.23	. 12		.07	.02	. 05															1,50
HILLERSBURG HOREHEAD STA TEACB COL MUNFORDVILLE OLIVE BILL	.06	.06	.07	.06	.01		.01						8.70												8.70 .32
PIKEVILLE RUMSEY LOCK 2	. 09	.11	.07	, 20	. 20	.13	. 05	. 07	. 05	. 02	. 01														1,00
PIKEVILLE RUMSEY LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE SALYERSVILLE	.03			. 09	. 08	. 04	05	. 01	, 02	.01															.11
SMITHFIELD 4 S	. 05	. 12		.03	*	.01	*	2.50																	3, 32
STEARNS TATHAM SPRINGS	. 19	.30	.01	.06	.05	.02	.01																		1,00 .02 .08 .11 .75 3.32 .33 .76 .12 .35 .44
TOMPKINSVILLE WOLF CREEK OAM WOOOBURY LOCK 4	. 14	. 17	.10	.02	. 01																				.06
												-17	th-	•								01	01	05	07
ADDISON DAM 45 // ADDLPHUS 1 N // BARBOURVILLE WATER WKS																		. 01			. 02	.01	. 01	. 05 . 05 . 01 . 01 . 09 . 09	.07 .18 .01 .01 .14 .19
ADOLPHUS 1 N BARBOURVILLE WATER WKS BAXTER HARLAN WATER WKS BENTON 1 SW BEREA COLLEGE														. 01					.01	. 01		.01	. 01 . 06 . 03	. 09	. 14
CARROLLTON LOCK 1																			٠	٠	,01	.04	.03		
CENTRAL CITY CLINTON CONSTANTINE											. 02	. 05	. 01		.01	. 01	. 03	. 02	.02		. 01	.02	. 09	.07	.12
CORBIN CAA 6 COVINGTON W B AIRPORT 6																					:	:	.01	.01	. 02
DAVELLA OUNDEE BARRETTS FORO BR EDMONTON FLEWINGSBURG POST OFF														.01				. 01	. 01	. 05	.01		.03 .05 .06 .05 .05	. 10	. 17
FLEMINGSBURG POST OFF FOROS FERRY OAM 50 FRANKLIN WATER WORKS GEST LOCK 3										.03				.01		. 01	. 01	.01	. 01	.01	. 02	.02	.05	. 16	.32
HALEYS MILL																				,01	. 02	.04	.02	.10 .03 .18 .16 .03 .02 .05	.02 .17 .25 .28 .32 .14 .07 .12 .01 .11 .10 .02 .02 .19
HEIDELBERG LOCK 14 //																				. 01	. 04	.01	.02	.01	.01
HERNDON BODGENVILLE NAT PARK JENKINS KENTUCKY OAM																			. 02			08	. 12		.02
LEXINGTON WB AIRPORT	Í -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-01	.04	-	. 09		1 -
LIBERTY LITTLE BICKMAN LOCK 8 LOGLICK 1 S LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWNAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY																						, 05	. 15	.07	.28
LOUISA LOCK 3 LOUISVILLE BOWMAN FLD																						.01		. 03	.04
LOUISVILLE SIAN # B AP LUCAS														.06	. 02	. 02				. 01	.02		.08	.01	.17
MAOISONVILLE 1 SE MAYSVILLE OAM 33 // MC KINNEYSBURG // MIDOLESBORO RR STA																						.01	.08 .03 .02 .06	.05 .05 .01 .07 .05 .04 .02 .09	.29 .28 .07 .07 .02 .04 .08 .06 .17 .23 .08 .19 .04 .19 .04
																					. 02		.03	. 09	.17
MOREHEAO STA TEACH COL MUNFORDVILLE OLIVE BILL OWENSBORO DAM 46																					.01	. 06	.12	2 .0:	5 .17
PADUCAH CAA 6 DADUCAH SCS NURSERY							*			*	*	. 10	.01	*	*	, 01	*	.07	. 02	•	. 01	.03	.10	.16	.38
RUMSEY LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE														. 03	. 03			.01	.01	.01	.01	. 03	. 04	. 04	, 18
SMITHFIELD 4 S																						. 01	.02	.02	.05

KENTUCKY

DECEMBER 1949

SUBTIONS  SOMERSET HIWAY DEPT VITABLES  FOR STATES  SOMERSET HIWAY DEPT VITABLES  SOMERSET HIWAY DEPT VITABLES  SOMESHING HIGH  SOME HAVE HIGH  SOME HIGH HIGH  SOME	1	2	3	4	5	6	7																		
THAMES SPRINGS THAMES								8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Tota
NOLPHEN IN MATER WAS WERE ANGLE AND ATTER WAS WERE ARGALA MATER WAS SHOULD IN SERVICE ANGLE											-181	-h-				.02	.01	.01	. 02	.09	.04 .17 .19	.04 .03 .03 .05 .12	.05 08 .04 .05 .14 .05	. 09 . 06 . 22 . 36 . 27 . 36 . 14	
ORSTANTINE ORSTANTINE	. 19 . 05	.01	.02 .04 .02 .09	.07 .05	.04 .01 .01 .01 .05 .11	.01	.05	.10	. 10	.04	.03	.10	.08	.02	. 06	.01	,02	.03	.02						. 53 . 39 . 54 . 49 . 40
ONLECTION & BAIRFORT  GOVERNOON & BAIRFORT  GOVERNOON & GOVERNOON	.10	.05	.10	.05	.04	.06	.04	.04	.02			.51													.64 .51 .47 .52
ORGOS FERRY DAM 50 REMENLIN WATER ORES REMENLIN WATER ORES REMENLIN WATER ORES REMENLES REMEN	.14	.11 .16 .03 .08 .01	.01 .12 .10	.01 .16 .16	.02 .09 .08	.02 .13 .02	.01 .02 .03	.24 .47 .01	.05	.04	.04	. 01 . 01 . 01	.05	. 68	.04	.05	.03	. 01	:	.04				.01	. 43
DERVION  CONCENTILLE NAT PARK  CENTRESSOR NAT PARK  CENTRESSOR NAT PARK  CENTRESSOR NAT PARK  CENTRESSOR NAT PARK  CENTRESSOR NAT PARK  CENTRESSOR NAT PARK  CENTRESSOR NAT PARK  CONCENTILLE NAT PARK	.19 .05 .07 .03	. 14 . 12 . 10 . 03	.04 .11 .14 .04	.08	.04	.02	.03	.18 .04 .02	.01	.03	.03	.02	. 02	.02	.02	.02	.01			.02				.01	.74 .37 .80 .55 .20
JERRYY THILE RICKMAN LOCK 8  JOHNON POST OFFICE OUISALOCK 3  OUISALOCK 3  OUISYLLE BOWAN FLD  OUISYLLE BOWAN FLD  OUISYLLE BOWAN FLD  OUISYLLE BOWAN FLD  OUISYLLE ST  OUISYLE ST  OUISYLE ST  OUISYLE ST  OUISYLE S	.04	, 11	.01	.01 .14 .01	.02 .10 .03	.01 .02 .06	.09	.10	.03	.03	. 05	.02	.03	.01	. 01	.02		. 01				.01	.01		.41 .15 .88 .15
NUISONVILLE 1 SE  YVYVILLE DAN 33  // EXINNYSBUNG // DIDLESSHOR OR STA  DREHEAD STA TEACE COL  NYROBUVILLE  LIVE HILL  LIVE HILL  EXPROBUT LILE  HODGAB SCS NURSERY  KEVYLLE  UNEY LICK 2  UNEX VILE  VILE	.02	.09	.09	. 19	.08	. 16	.05	. 12	.10	.03	-	- 1	.02	-		-	-	-	.01	-	-	-	-	-	1.10
ARPISONVILLE 1 SE ATSVILLE DAN 33  C. KINNISSUNG  C. KINNISSUNG  C. KINNISSUNG  C. KINNISSUNG  MIDDLESSORO AR STA  DICHESSORO  DAN 46  ARPISONO DAN 46  ADDICADS SCS NUMSERY  (EXPY ILLE  UMSSY LOCK 2  ADDICADS SCS NUMSERY  (EXPY ILLE  UMSSY LOCK 2  ADDICADS SCS NUMSERY  (EXPY ILLE  UMSSY LOCK 2	.03 .05 .01 .08 .08	.05 .01 .17	.04 .14 .11	.01 .01 .17	.03	.13	.16	,12	.11	.10	.09	.06	.05	.03	.01	.03	.02	.03	.01		, 02				.27 1.04 .42 .60 .54
LIVE HILL WENNSHORD DAM 46 ADDUCAB CAA ADDUCAB SCS NURSERY IKEVILLE UNSSY LOCK 2 ADIEVILLE WATER WORKS TO MANYS COLUMN	.01 .07 .10	.10	.16 .10 .05 .14 .06 .03	.10 .03 .04 .18 .04 .10	.03 .12 .05 .12 .01 .18	.02 .02 .11 .05 .02 .12	.01 .14 .01 .08 .10	.08 .02 .11	.03 .01 .06	. 04	.03	.08	.05	.01	.02	. 01	.01		. 01						. 58 . 47 . 68 . 77 . 71 . 73
RUMSEY LOCK 2 SADIEVILLE WATER WORKS	.09	.18	.02	.17	.05	. 10 . 06 . 08 . 57	.10	.02 .12 .02	.06	.01	.07	.01	.01	.01	.01		. 01	. 02	.02	.01				.01	.63 1.09 .65
ALVERSUILLE //	. 21	.13	.01	.05 .04 .02 *	.01	.03	.02	1.03	.02	. 01	.02	.03	.03	.02	.02	. 02	.03	. 02	. 02	. 01	, 02		.01		.40 .37 .43 1.03 .71 .35
MITHFIELD 4 S SOMERSET HIWAY DEPT STEARNS ATHAM SPRINGS	. 14 . 01 . 05 . 07	.03 .11 .03 .09	.02 .11 .03 .01	.14	.13 .10 .02	.18	.08	.07 .05 .03 .08 .18	.06 .01 .07 .09	.06 .04 .07	.02 .05 .06 .01	.01	.02	.01	.04	. 03									.35 .68 .66 .74 .97 .54 .33
COMPRINSVILLE INIONTOWN DAM 49 FOLE CREEK DAM FOODBURY LOCK 4	.03 .15 .01	.02	. 12 . 01 . 09 . 06	.11	.10 .15 .02	.03 .01 .06 .02	.01 .01 .03 .06	.06	.03	.02		.01	. 02												. 54 . 33 . 58 . 43
WEREA COLLEGE	. 01	.01						. 01	.01			-19	in-												.02
LEWINGSBURG POST OFF ERKINS OWERERAD STA TEACH COL ALYERSVILLE	.02	.01							.01		_	.01 -21:	.01 st—	.01	. 01										.02 .02 .02 .01
NEMTON 1 SW LLINTON ORDS FERRY DAM 50 ERTUCKY DAM ADUCAB CAA 6 ADUCAH SCS NURSERY																						.02	.13	.08 .08 .12 .04 .20	.08 .21 .12 .17
ADDISON DAM 45 DOLPHUS 1 N ARBOURVILLE WATER WKS AACTER HARLAN WATER WKS ENTON 1 SW			.06	.09	. 06	.07	. 05	.01			. 05	-22		.07	11	, 09	. 05	.08	.06	.04	. 03			.01	. 21
OWLING GREEN WB AP	. 06	. 05	. 15	.01	.04	.03		.04	. 02	. 01	.01	. 01	.03	. 04	.11	. 10	.07	.07	. 09	.09	. 10	.06	.02	.13	.96 .27 .20 .18
ENTRAL CITY LINTON ONSTANTINE OORBIN CAA OVINGTON W B AIRPORT 6	. 15	.13	.06	. 12	.02	. 02		.02						. 37						. 38					.23 .37 .15
OVINCTON W B AIRPORT 6 WWELLA UNDEE BARRETTS FORD BR DMONTON "LEWINGSBURG POST OFF ORDS FERRY DAW 50			. 12	.11	.05	.07	.08	.01	.03	. 03	.01	. 02	.01	.03	.01	.03	,11	.06	. 05	.07	. 05	.08	. 05	. 01	.58 .28 .33 .08 .43
URDS FERRY DAR SO RANKLIN WATER WORKS JEST LOCK 3 JALEYS WILL LAZARD MEIDELBERG LOCK 14 //	. 13	.13	. 16	.01	.10	.03		.01	.01	.06	.05	.02	.04	. 10	.05	.04	. 04	. 06	. 09	.08	. 10	. 03	. 02	.03	.43 .21 .11 .22 .71 .31
GERNOON LOCK 14 GOOGENVILLE NAT PARK ENKINS		.10	.07	. 09	.01	. 02	.02	.01	,06	.06	.05	.02	.02	.02		.05	. 02	.03							.31

Station							M. Hou											F. 10	1. 1100	r endi	ng				
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
ENTUCKY DAM EXINGTON WB AIRPORT EBERTY ETTLE BICKMAN LOCK 8 DGLICK 1 S ONDON POST OFFICE	//	. 14	.01				.04	. 04	.01	. 03 . 01 . 01	.02	.01	.02	.02	. 04 . 08 . 05 . 01 . 05	. 01	07	07	01						
SCLICK 1 S SNDON POST OFFICE JUISA LOCK 3 JUISYILLE BOWMAN FLD JUISYILLE STAN W B AP JUISVILLE WB CITY JUAN JUISVILLE WB CITY JUAN JUISVILLE WB CITY JUAN JUISVILLE WB CITY JUAN JUISVILLE WB CITY JUAN JUISVILLE WB CITY JUAN JUNE JUNE JUNE JUNE JUNE JUNE JUNE JUN		.01	.11	.07	.04	. 06 . 06 . 06 . 09	.02	.01						.14		.05	. 07	.07	. 02	. 06	. 04				. 02
YSVILLE DAM 33 DDLESBORO RR STA LLERSBURG REHEAD STA TEACH COL NFORDVILLE LVE BILL	//					.03	. 06	. 04	. 02	.01			. 03	.06	.05 .03 .01	.02 .16 .03 .04	.03 .02 .03	.02	. 10	. 12	. 12	.08	.06	. 01	.03
ENSBORO DAM 46 DUCAB CAA	6	* .10	. 15	.03	.14	.01	. 33		.03					,03	,01	.07	.17	.07	. 02	.06	. 05	,06	. 04	.07	.06
MSEY LOCK 2 DIEVILLE WATER WORKS MARYS COLLEGE LYERSVILLE	//	.01	.21	.01	. 17	. 02	. 03	.01			. 01			. 04	, 02	. 02	.04	. 03	. 04	.06	.03	.01			
THFIELD 4 S MERSET BIWAY DEPT EARNS THAM SPRINGS MPKINSVILLE			. 02			.06	.04	.01 .10	. 12	.10 .17 .02	.02	.02	. 02	.02	.03	.07	.08	.08							
LF CREEK DAM ODBURY LOCK 4	//	. 15	. 14	. 05	.06	. 01	.01	.09	.06	.03	.03	.02	.01 .01 <b>–</b> 23	.06 .02 3d <del>-</del>	.09										
XTER HARLAN WATER WKS RBIN CAA NKINS DDLESBORO RR STA	6	.03	. 01 . 01 . 07	.03						.01															
REVILLE		.01	. 05		. 01	. 01				.01		-	-25	th-											
UISVILLE STAN W B AP													-26	th-										.01	
DISON DAM 45 DLPHUS 1 N RBOURVILLE WATER WKS KTER HARLAN WATER WKS	//				. 01	.06	. 01	. 13	. 36	.15	.05	. 04	. 04		. 01	. 01		. 01							
TTER HARLAN WATER WKS NTON 1 SW REA COLLEGE WLING GREEN WB AP RROLLTON LOCK 1 VTRAL CITY	//							.01	. 05	.07	.02	.01	.07	.03	.01	.02		.01							.01
TRAL CITY INTON (STANTINE IBIN CAA VINGTON W B AIRPORT	6	-	- 01	:	.13	.23	. 27	. 23	. 17	.08	-	-	-	-	41	-	-			-	-	-	-	-	-
TELLA TORE BARRETTS FORD BR HONTON SMINGSBURG POST OFF						.03	. 16	. 03	. 10	.04	.05 .01 .07	.02	.01			. 02		. 01	.01	.01	.01			.01	. 03
IDS FERRY DAM 50 INKLIN WATER WORKS ST LOCK 3 LEYS MILL	//						***	.03	.02	. 05	. 05	. 22 . 04	.06 .01	.02	•	•	.01	.01 .01	•		***	*		•	.01
IDELBERG LOCK 14 RNDON GENVILLE NAT PARK WKINS TTUCKY DAW	//		.01	.01	.02	.08	. 18	.03	,11	.01 .02 .03	.16	* .06 .03	.02	•	•	.01	٠	•	٠	٠	•	٠		*	٠
KINGTON WB AIRPORT BERTY	//				.02	.00				.03		,10	.13 .13 .07	.02 .02 .03	. 02	.01	.01	.01	.01	.01		.01	.01	. 02	.04
TILE BICKMAN LOCK 8 LLICK 1 S DOON POST OFFICE IISA LOCK 3 IISYILLE BOWMAN FLD IISYILLE STAN W B AP IISYILLE WB CITY AS LISANVILLE 1 SF						. 01	. 06	. 15	. 01	.04 .16 .19	.18 .17 .13	.06 .03 .01	.06	.03 .02 .01	. 02 . 01 . 02 . 01	.02	.01	.01	. 06						.01
JISVILLE WB CITY  AS  JISONVILLE 1 SE  SVILLE DAM 33  KINNEYSBURG	//				.07	.07		.18	.01 .25 .02	.01	.07	.01	.01	,05	.03	.01	. 01	.02	.01	.01	.01				.02
DLESBORO RR STA LERSBURG REHEAD STA TEACH COL								.02	. 10	.01 .05	.06	.03	.05	.02	.02 .01 .07	.01	.01	.01	. 03	. 02				.03	. 02
ENSBORO DAM 46 DUCAH CAA DUCAH SCS NURSERY	6	:	:	:	. 02	* * .12	.60 .23	* .18 .01	.11	.04	. 01	*	.26	.01	:	.01	.01	.02	* .04 .01	:	:	:	:	:	* .02 .01
KEVILLE MSEY LOCK 2 DIEVILLE WATER WORKS MARYS COLLEGE LYERSVILLE THEFIELD 4 S	//			. 01	, 06	. 22	. 04	.29	. 21	.13	. 09	.05 .11 .10	.03	.01	.01			.01	. 01					.02	. 05
MERSET HIWAY DEPT EARNS THAM SDRINGS							.01			.08	.01	. 09	.01	.03	, 04	. 01									. 02
MPKINSVILLE IONTOWN DAM 49 LF CREEK DAM ODBURY LOCK 4	//				. 01	.06	.28	. 22	.06	.05	.07	. 06	.03										.01	.01	
DDISON DAM 45 DOLPHUS 1 N REBOURVILLE WATER WKS	1/1			.01	. 02	.02	. 02	. 02				-	-27	th-	.03										

Table 4-Continued								011		1 11	LC	11 11	.AI	101	А										OK	EMBE	R 1949
Station		-	2					ur end												our ei	-						Total
RENTON 1 SW	,	.01	2	. 3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8		9	10	11	12	
BENTON 1 SW BERRA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1 CLINTON CONSTANTINE CORSIN CAA COVINCTON W B AIRPORT DAVELLA		.07	. 16	.03	.01	. 15	. 10	.08	.03	10.																	01 22 45 .01
CLINTON CONSTANTINE		. 02	.01	.01		.01	.03								. 14												03
OVINGTON W B AIRPORT AVELLA	6 6			.01	. 25	* .OR	. 10	.01	.01	.01		.01	.01	. 04	.01	.03											.11
AVELLA DMONTON LEMINGSBURG POST OFF ORDS FERRY DAM 50 RANKLIN WATER WORKS EST LOCK 3 ALEYS WILL		.01	.07	.08	.15	.09	.02	.01	.02	.02			.03	.01													. 49
	Ja I		.01	.02	.01	.01				. 43			.01	.03	.01												. 45
EIDELBERG LOCK 14 ERNDON	48		.08	.04	.02		. 23	.01	.04	. 03	.04		.01	.03	.01												.05
DDGENVILLE NAT PARK ENKINS EXINGTON WB AIRPORT IBERTY		.06	. 02	. 16	.04	. 04	. 07	. 04	.01	.01	.01	.01			.02	. 05	. 09	.01									.18
EXINGTON WB AIRPORT IBERTY ITTLE HICKMAN LOCK 8 UNDON POST OFFICE DUISVILLE BOWMAN FLD DUISVILLE BOWMAN FLD DUISVILLE STAN W B AP DUISVILLE WB CITY UCAS	20	.05	.04	.03	.25	. 16	. 02	.04	.02	.03	.01	. 03		.01													. 43
DUISVILLE STAN W B AP DUISVILLE WB CITY DCAS		.01	. 07	. 09	. 08	.01	. 01	.01	. 01	. 05	. 01																.03
UCAS AYSVILLE DAM 33 C KINNEYSBURG IDDLESBORO RR STA ILLERSBURG	11	.06	. 06	.08	.01	. 05	. 05	.01	.01	01	.02	.02	. 05	. 05	.01												.33
LLERSBURG DREHEAD STA TEACH COL INFORDVILLE LIVE BILL		.08	.02 .01 .21	.03	.05	.02	. 04	.04	.01	.01	.01	.02 .02	.03	. 05	.02												
TENSBORO DAM 46 ADUCAB SCS NURSERY (KEVILLE			.02	.01	.01	.03	1.22		,05	.05	. 04	,															1.22
MSEY LOCK 2 DIEVILLE WATER WORKS			.02	.01	.01			. 05							. 01	.02											.03
MEST LOCK 2 DIEVILLE WATER WORKS MARYS COLLEGE LLYERSVILLE ITHEFIELD 4 S MERSET HIWAY DEPT	11	.01	.03	. 16	. 06	.01	.01	.01	. 02	.01	.03	. 05	. 03	.01													. 34
MERSET HIWAY DEPT TEARNS THAM SPRINGS MPKINSVILLE		. 02	. 01	.08	. 02	.02		. 05	.05	. 07	.01	.02	. 01														1.22 .02 .03 .03 .08 .34 .10 .04 .20 .04 .20 .28 .07
MPKINSVILLE IONTOWN DAM 49 LF CREEK DAM ODBURY LOCK 4	//	.01	.01	.01	.01		.05	.01 .02 .06	. 02																		.28
DDBURY LOCK 4			.01		.01	.03		.03				-	-31:	st-													.08
RDS FERRY DAM 50 DUCAH CAA	6																								.01	.01	. 01
JUNE 1949												DI	SLAYE	D DATA	4												
OMERSET												-	-4t	h-										. 07			
												-	-5t	h-										.07			.07
OMERSET								. 02				_	-9t	h-													.02
OUNDEE BARRETTS FRD BR SWITHFIELD SOMERSET													01							.01			09			.27	.27
OMPKINSVILLE															. 18	.68	.04										.10 .18 .72
UNDEE BARRETTS FRD BR		. 15	.14								.01	-	10t	h-			.01						01	.04			.36
INDEE BARRETTS FRD BR INTUCKY DAM UNISVILLE BOWMAN FIELD DUCAH SCS NURSERY MARYS COLLEGE HITBFIELD						.02	.28 .15 .05	.10	.03	.04	.01		.02	.02				.01	.02						.37	.10	.38
ITBFIELD MPKINSVILLE		.01																			.0:			. 17	.03	.21	.15 .25 .22 .05
DUISVILLE BOWMAN FIELD		.07	.01	.07	.11	.06			.02			-	-11t	h-													
		,	.01	.13	.03	.00		.01	.02				.05	.02													.16
IVE BILL LOUCAH SCS NURSERY LDIEVILLE WATER WORKS MARYS COLLEGE HITHFIELD		.11	.05	.01	.01	.01	.16	.01	.54	.06	. 05		.03					. 05			. 46	.4	14	.32	.01		.10 .10 1.90 .06 .54
DMERSET								,					12t		. 06	.01											.07
ENTUCKY DAM DUISVILLE BOWMAN FIELD DREHEAD											. 04		.70 .01	.01													.71
OMEMEAD LIVE BILL ADUCAH SCS NURSERY ADIEVILLE WATER WORKS T MARYS COLLEGE ALYERSVILLE		.01						.01	.01	.01		. 02		.01										.02			.71 .09 .04 .06 .05 .15 .70 .23 .44 .11 .42
										.01	.04	. 13	.09			.01	.70						1				.15
DMERSET EARNS ATHAM SPRINGS							0.1			.03	.24		.01			.01	.04										.44
MPKINSVILLE							.21	.01	•	. 1	. 09		13t)				.07	.10	.01	.03							.42
ENTRAL CITY WATER WORKS UNDEE BARRETTS FRD BR ENTUCKY DAM												05	.11		.28	.01	.01	.01									.36
									10	0.2							.01										
OUISVILLE BOWMAN FIELD FOREBEAD						See refa	renor	. 01	. 10		.04						.01	.02					ł				.36 .14 .12 .02 .05

RENTUCKY DECEMBER 1949

Station	1				A. M	I. Hou	r endi	ag									P. N	f. Hou	r endi	pg					
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JUNE 1949 CONTINUEL												<b>ELAYE</b>	D DAT	A											
ADUCAH SCS NURSERY ADIEVILLE WATER WORKS ALYERSYLLLE MITHFIELD TEARNS	.01								.27	.01		-14	.05 th <del>-</del>			.16		.03	.02 .01 .01				.04		
ENTRAL CITY WATER WORKS INDEE BARRETTS FRD BR ENTUCKY DAN DUISVILLE BOWMAN FIELD DREHEAD	.05	.01		.09	.02		.54	.07	.01	.44	.03	.12	.02	.26	.03	.02	.02				.02	.16	.02	.01	1.4
MERIAD DUCAH SCS NURSERY DIEVILLE WATER WORKS ** WARYS COLLEGE HITHFIELD MERSET EARNS	.05							.01		.01	.03	.01	.24	.24	.10 .02 *	.04	.01 .01	.02	.01	.06	.03	.02	.02	.01	1.
ATHAM SPRINGS OMPKINSVILLE	1							.01	.04	.01	_	-15	. 60	. 42	.13	.01	.02	.42	.06						1.
ENTRAL CITY WATER WORKS UNDEE BARRETTS FRD BR ENTUCKY DAW DUISVILLE BOWMAN FIELD * OREHEAD ADUCAM SCS NURSERY		.08 .01 .08	.01	.11	.07	.07 .02 .07	.10 .09 .03 .19	.08 .17	.14	.10 .12	.03 .09 .03 .04	.50 .07	.15	.03	.04	.01 .27	.05 .10	.01	.11	.05	.03	.06		.07	2
ADIEVILLE WATER WORKS T MARYS COLLEGE MITHFIELD OMERSET	.01	.01	.01		.01		.02	.01 .33 .21	.02	.01 .01 .11	.01	.05 .07 .05	.01 .04 .15	.01 .13 .25	.01 .05 .50 .13	1.23 .26 .04	.56 .24 .05	.33 .21 .10	.38 .19 .05 .14 .02 .22 .29	.13 .16 .03	.16 .11 .05 .20 .16 .04	.13 .11 .03 .27 .12 .33 .10	.05 .21 .01 .10 .24 .22	.18 .17 .10 .06	3
TEARNS ATHAM SPRINGS OMPKINSVILLE	.02				.02	.11	.01	,16 .02	.02	.02	.04	.03	.04	.08	.51	.26	.30	. 15	.22	.11 .13 .19 .77	.04	.33	.02	.47	3
ENTRAL CITY WATER WORKS											-	-16	th-										.05	.08	I
UNDEE BARRETTS FRD BR DUISVILLE BOWMAN FIELD OREHEAD LIVE HILL ADIEVILLE WATER WORKS	.02	.11	.01	.03	.02	.01	.09	.03	.01	.01	.07	.01	.01			.02 .01	.03	.04	.01	.04				.01	70
r Marys College Alyersville	.09	.09	.02	.03	.06	.03	.06 .07 .06	.11 .11 .01	.04 .02 .11	.02	.19	.14 .02 .07	.10 .05	.02 .03	.05	.03	.02	.08	.03						1
MITHFIELD MERSET TEARNS THAM SPRINGS	.09	.08	.05	.02	.04	.05	-01	-01	.01		.02	. 01	.02	.02	.09	.01	-	-	-	-	-	-	-	-	
ENTRAL CITY WATER WORKS UNDEE BARRETTS FRD BR DUISYILLE BOWMAN FIELD DREHEAD		.02	.01	.01	.01	.02 .06	.04	.02	.01	.03	•	-17			.56	.01		.09	.01						ı
DIEVILLE WATER WORES (ITHFIELD ) MERSET ITHAM SPRINGS	.01	.01	-	-	.02	-	-	.02	-	-	.02	-	.27	.02	01	-	-	-	-	-	-	-	-	-	ŀ
DMPKINSVILLE												-18	th-		.03		.06	.01						.03	
ENTRAL CITY WATER WORKS INDEE BARRETTS FRD BR INTUCKY DAM LDUCAH SCS NURSERY	,22	.06	.22	.29	.02	.02	.02			.07		.17	.01	.13	.10	.02	.03			.01					
ADUCAH SCS NURSERY T MARYS COLLEGE MITHFIELD DMPKINSVILLE		.40	.02	. 57	.31	.16	.03	.01	.01	.26	.05	.02 —10	:01 :50	.01				. 01							
MARYS COLLEGE		.02					.01																		
ENTRAL CITY WATER WORKS OMERSET OMPKINSVILLE												-20	th-		.15		. 07	.01					.18		
ENTRAL CITY WATER WORKS UNDEE BARRETTS FRD BR												-2	lst—		.42	.01									
UNDEE BARRETTS FRD BR OREHFAD ADUCAH SCS NURSERY ADIEVILLE WATER WORKS ALYERSVILLE OMERSET	1	_	_	_	_	_	-	_	_	_	_	_	.01	.02	.03	- 08				_	- )	-	_	_	
LYERSVILLE DWERSET TEARNS		.10	. 02				.02				.02						.01	.22						. 04	
LIVE HILL ADIEVILLE WATER WORKS TEARNS	07	.49	.01	.03	-	-	. 04	-	-	-	-	<b>-</b> 2:	-	-	-	-	-	-	-	-	-	-	-	-	
ENTRAL CITY WATER WORKS UNDER BARRETTS FRO BR ENTUCKY DAM ULISVILLE BOWMAN FIELD											-	-24	th- .01	.01	.73	.31 .45 .03	. 03								
DUISVILLE BOWMAN FIELD OREHEAD LIVE HILL ADDUCAN SCS NURSERY ADIEVILLE WATER WORKS	1													1.40		.01		.19	.02						
ADIEVILLE WATER WORKS MITHFIELD TEARNS OMPKINSVILLE	1		-	-	-		-	-	-	-	.05	.02	.06	.05	-	.14	. 03	.01							-

KKWTUCKY

DECKMBER 1949

					А	м Но	ur end	ing								P 1	4 Hou	ır end	ing					
Station	1	2	3	4	5	6	7	8	9	10	11 12	1	2	3	4	5	6	7	8	9	10	11	12	Total
JUNE 1949 CONTINUED												ED DA												
LOUISVILLE BOWMAN FIELD												5th-	.03											.03
CENTRAL CITY WATER WORKS DUMBRE BARRATTS FRO DR LOUISYILLE BOWAN FIELD CLIVE HILL PADUCAN SCS SURERE WORKS ST MANTS COLLEGE SWITTHING STAMES TOWNERST TOWNERST TOWNERST TOWNERST TOWNERST	-	.01	-	.04	.12	.30	. 26	.02	.05	.07	-26	.04	.77	04	-	.12	.01 .23 .20 .19 .01 -	.04	.01	-	.03	.12	.01	.14 .26 .46 .63 .05 .07 - .16 .21 .42 .78
CENTRAL CITY WATER WORKS DUNDE BARRITTS FED BR KENTUCKY DAM MONETAD MO	.01	.01				.35	.06	.28	.40	.01	-27 .01 .01	.02	.02	.01	.05	.06	.01	.01			.92	.38	.14	.73 .21 .47 .55 1.23 .11 .09 .02 .02 .28 .32
CENTRAL CITY WATER WORKS MORRHEAD OLIVE HILL SALYERSVILLE SMITHFEELD TARHAM SPRINGS TOMPKINSVILLE	.14	.08	.01	.17	.15 .35 .17	. 02	.01	.01	.03	.03	-28	th-							.17				. 04	.17 .57 .78 1.29 .02 .04
CENTRAL CITY WATER WORKS DUNDER BARRETTS FRO BR ST MARYS COLLEGE SOMERGET TATHAM SPRINGS	.04	.01									-29 .06		. 47	.01	. 05	.02								.05 .48 .06 .05
STEARNS TOMPKINSVILLE JULY 1949											-6	th-	.06	.09		.24	.01							.25
CENTRAL CITY 1 E DAVELLA DUNDES BARRETTS FRD BR KENTUCKY WAR MUNFORDVILLE	-	-	-	-	-	-		.34	.09	-	 -7	.27 - th-	.02 .60 .01	.08	.01	-	-	-	-	-	-	-	-	.29 .09 1.15 .44
DAYELLA DUNDEE BARRETTS FRD BR RESTUCKY DAM MUNFORDVILLE	-	-	-	-	-	. 02	.01		-	-	.09  <b>-</b> 9	th-	-	.02	.01	-	.03	.12	.01	- 04	. 03	-	-	.23
CENTRAL CITY 1 E DAVELLA DUNDEE BARRETTS FORD BR MUNFORDVILLE DAVELLA	-	-	-	-	-	- )	-	-	-	-	-lC	.46 .12 .03	.02	.01	-	-	-	-	-	-	-	-	-	.49
KENTUCKY DAM MUNFORDVILLE DAVELLA	-	-	-	-	-	-	.78	. 12	.02	-	-12	th-	-	-	-	-	-01	-02	.15	.04	-	-	- 0	.28
DAVELLA DUNDEE BARRETTS FORD BR EENTUCKY DAM MUNFORDVILLE	.65	-	.04	.14	-	1.25	.62	.18	.05	-	-13	th-	-	-	-	-	-	.01	.09	.02	_	-	-	2.28 .12 .78
DAYELLA MUNFORDVILLE KENTUCKY DAM	-	-	-	-	-	-			. 01	.01	.03 .01		.03	.01	.04	.12								.22
DAYELLA DUNDEE BARRETTS FRD BR KENTUCKY DAM MUNFORDVILLE												th-			.03	.42	.10	.06	.09	. 07		.04		.58 .27 .20 1.42
DAYELLA MUNFORD VILLE			.01		See ref	.01	notes fo	ollowing	. 02 . 01 g Statio	.01 .01 on Index	-17	in-	.13	.02	.01	.02								.22

KENTUCKY DECEMBER 1949

A. M. Hour ending P. M. Hour ending Station 5 7 2 3 4 6 8 9 10 11 12 5 1 2 3 4 6 7 8 9 10 12 11 DELAYED DATA JULY 1949 CONTINUED -18th-DAVELLA . 15 .02 .03 01 -19th-CENTRAL CITY 1 E DAVELLA DUNDEE BARRETTS FRD BR .OB .O7 .01 . 01 .02 .04 -20th-.01 .01 . 52 . 65 . 30 -23d-DAVELLA .33 .03 .36 -25th-KENTUCKY DAM .03 .03 -26th-CENTRAL CITY 1 E DUNDEE BARRETTS FRD BR - |-.02 .02 -28th-KENTUCKY DAM .4B .02 .50 -30th-CENTRAL CITY 1 E DAVELLA DUNDEE BARRETTS FRD BR WUNFORDVILLE \* \* .12 .02 .21 .02 AUGUST 1949 -2d-BARBOURVILLE WATER WORKS . 21 . 24 -3d--4th-BARBOURVILLE WATER WORKS -5th-BARBOURVILLE WATER WORKS -7th-BARBOURVILLE WATER WORKS .01 .15 -12th-BARBOURVILLE WATER WORKS .47 .47 -14th-BARBOURVILLE WATER WORKS MUNFORDVILLE .15 .05 -15th-BARBOURVILLE WATER WORKS .99 .01 -16th-BARBOURVILLE WATER WORKS .02 .20 .03 .35 .03 . 45 .01 .01 5,17 -19th-MUNEORDVILLE .07 .01 .01 . 12 -20th-BARBOURVILLE WATER WORKS . 02 .01 .01 .01 . 01 .10 -21st-BARBOURVILLE WATER WORKS .05 .07 .01 .01 . 24 -22d-BARBOURVILLE WATER WORKS MUNFORDVILLE .02 .03 .01 .03 .01 .02 .03 .02 01 .12 .02 .02 -23d-MUNFORDVILLE . 02 -24th-BARBOURVILLE WATER WORKS .12 .01 . 13 -27th-WUNFORDVILLE -28th-BARBOURVILLE WATER WORKS .03 .03 .04 .03 -31st-MUNFORDVILLE

KK MJ.DU.K A

DECEMBER 1949

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Station	1	2	3	4	5	6	7	8	9	10	11	12	1 2	3	4	5	6	7	8	9	10	11	12	Total
SEPTEMBER 1949											_	DELAYE												
CENTRAL CITY 1 E	-	-	-	-	-	-	-	-	-	-	-	-	id-	-	-	-	-	-	-	-	-	-	-	-
CENTRAL CITY 1 E KENTUCKY DAM	-	-	-	-	-	-	.03	-	-	-	-	-51		-	ų -	-	-	-	-	-	-	-	-	.03
CENTRAL CITY 1 E KENTUCKY DAM												<del>-</del> 12	.08					.01	.11	.02				.14
CENTRAL CITY 1 E	,01	.01										–13: –15:												.02
CENTRAL CITY 1 E KENTUCKY DAM							.20	.31			. 13	.12 -161	.0	2 .03										.30
BARBOURVILLE WATER WORKS			. 03	.03			.01	.02	. 02	.01		-10 -17												.12
CENTRAL CITY 1 E KENTUCKY DAM									.30			-18	th—		2	.20	.10		,20	.01	.05		.01	.07 1.21
SARBOURVILLE WATER WORKS CENTRAL CITY 1 E		.11					.01	.01	.02	. 50	.07	.16	.06 .0	4		.06	.02	.01						.93
CENTRAL CITY 1 E	-	-	-	-	-	-	-	-	-	-	-	-22 -23		-	-	-	-	-	-	-	-	-	-	-
SARBOURVILLE WATER WORKS CENTRAL CITY 1 E	-	-	.08	-	-	-	.01	-	-	-	-	-27		-	-	-	-	-	-	-	-	-	-	.09
SARBOURVILLE WATER WORKS	.02	. 18	.18	.05	. 07			.06			_	-28												.56
8 ARBOURVILLE WATER WORKS CENTRAL CITY 1 E KENTUCKY DAM	.04	.01	-	-	-	- 1	-	-	-	.09	.03	-29	.02	-	-	-	-	-	-	-	-	-	- }	.14
BARBOURVILLE WATER WORKS OCTOBER 1949													.01 .0	4	.01									.06
CONSTANTINE EENTUCKY DAM												-20							.03	.01	.03			.04
CONSTANTINE KENTUCKY DAM		.01			.08	. 02	.15	.07	.08			-3d	.0:	5 .07	.01	.02					.14	.04	.02	.34
CONSTANTINE EENTUCKY DAM LITTLE SICKMAN LOCK 8	.04	. 05	.01	.02	.05	.02	.01	. 10	.09	.16 .21	.14	.05	.05	.03	.08	.02	.02		.01			.06	.03	. 43 1.39 .08
KENTUCKY DAM	.01	.01	.07		.02	.01	.13	.16	.20	.09	.01	-5t			. 09	.08	.01		. 02	.28	.14			1.35
BARBOURVILLE WATER WORKS CONSTANTINE LITTLE SICKMAN LOCK 8	.02	.01		.14	.03			.02	.02	. 15	. 02	-6t	. 01	. 24	. 02									.27 .20 .21
SARBOURVILLE WATER WORKS CONSTANTINE KENTUCKY DAM LITTLE SICKMAN LOCK 8								.10	.10	.05		-8t)	.19 .02											.05
LITTLE SICKMAN LOCK S								.10	.10	.38		-9tl	1-											.21 .80 .06
KENTUCKY DAN												-11t	.09 h—								.09	.67		.09
SARBOURVILLE WATER WORKS CONSTANTINE KENTUCKY DAM				.04	10	.05	.01	.05			-	-12t	h-	.32							.09	.67	.13	.32
LITTLE RICKMAN LOCK 8	,09	.05	.05			,55	.51	,00			.04	-13tl	h-											.25 .19 .04
SARBOURVILLE WATER WORKS LITTLE SICKMAN LOCK 8	.01	.01										-14tl						.01		.01				.02
SARBOURVILLE WATER WORKS CONSTANTINE LITTLE SICKMAN LOCK 8				. 02	.01	.08	.11	.06	.01 .02 .07	.01	.10	.08	.04 .01											.34 .15 .22

EENTUCKY DECEMBER 1949

Station	_		1	_	A.	M. Ho	our end	ling			,						P. 1	M. Ho	ur end	ling					-3
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Tota
OCTOBER 1949 CONTINUED			_			_						-16	ED DAT	A7	_										
BARBOURVILLE WATER WORKS CONSTANTINE LITTLE HICKMAN LOCK 8												.02				.01	.02	.01	.01	.02				.01	.06 .37 .05
BARBOURVILLE WATER WORKS CONSTANTINE LITTLE HICKMAN LOCK 8	.01	.01					.02			.01	.03	. 05	th												.14
RENTUCKY DAM													th— lst—		.09	.04									. 13
CONSTANTINE KENTUCKY DAM LITTLE HICKMAN LOCK 8												.20 -23	. <sub>12</sub> 2d–		.07	.05		.06							.12
CONSTANTINE KENTUCKY DAM			.01	.04								24													. 05
BARBOURVILLE WATER WORKS KENTUCKY DAM											_	25	th–	.03	.01	.01	.01	.04	. 02	.01					.08
BARBOURVILLE WATER WORKS BARBOURVILLE WATER WORKS						.07	.03	.01	.09	.09			th-			.05	.05	. 07	.07	.03	. 05			.01	.75
LITTLE RICKMAN LOCK 8  BARBOURVILLE WATER WORKS CONSTANTINE							.03	.01	.06	.01	.01		th-	06	.06	.02	.01		.04	.11	.11	. 21	. 05	. 02	.50
CONSTANTINE KENTUCKY DAM LITTLE HICKMAN LOCK 8	-	-	-	-	-	-	-	-	-	-	-	-31	.02	.03	.08	.03	.12	.05	.01	.08	.05		.01	.01	.22
BARBOURVILLE WATER WORKS LITTLE HICKMAN LOCK 8 NOVEMBER 1949	.04	.01		.01	. 01			.03																	.10
BARBOURVILLE WATER WORKS SOMERSET HIWAY DEPT	.01			.01	.02	. 07	.03					-ls													.14
BARBOURVILLE WATER WORKS CONSTANTINE LDNDON POST OFFICE SOMERSET HIWAY DEPT	.01	.02	.02	.01	.01	-	-	.01	-	-	-	-2c	-	-	-	-	-	-	-	-	.01	.01	-	-	.02
BARBOURVILLE WATER WORKS			.03	.06	02		.05					-30													.16
CONSTANTINE KENTUCKY DAM PADUCAH SCS MURSERY SOMERSET HIWAY DEPT												10		.01	.01		.04	.01	.04	.19	.30	.20	.02	.28	.28 .74 .87
BARBOURVILLE WATER WORKS CONSTANTINE LONDON POST OFFICE SOMERSET HIWAY DEPT	.22	.14	.03	-	-	- .10	-	-	-	-	-	-13t - -	h— - -	-	-	-	-	-	-	-	-	-	-	-	.39
BARBOURVILLE WATER WORKS CONSTANTINE							.01					-17 <del>1</del>												. 02	.02
BARBOURVILLE WATER WORKS SOMERSET BIWAY DEPT	.01	.01								.03		-18t	.02												.02
BARBOURVILLE WATER WORKS CONSTANTINE PADUCAH SCS NURSERY SOMERSET HIWAY DEPT									.01	.01		24t	.01	.01	.07	.16	.23	.32	.06	.01		.01	.01	.01	.95 .10 .01
BARBOURVILLE WATER WORKS CONSTANTINE SOMERSET HIWAY DEPT	.01	.01	.01	.01		.02	.01	.01	.01			25t													.07
CONSTANTINE KENTUCKY DAM			.10			.07	.07	.56	.24	.02	.08	28t										. 05			1.39
BARBOURVILLE WATER WORKS LONDON POST OFFICE SOMERSET HIWAY DEPT	.01	.09	-	-	-	.01	-	-	.01	-	-	-		-	-	-	-	-	-	-	-	-	-	-	10 02

### DAILY TEMPERATURES

able to									D	Al	LY	Т	EN	1P	ER	AT	UF	ES	3												P. 1 (2) (M)	12-11	1041
Station			2.	Г.		-						_	_			7	of me																97976
NCHORAGE	MAX	1 46	16	3 56	4 54	50	6 57	7	8	9	10	64	12	13	14	15	16	17	18	19	69	//	10	.43	24	4	26	27	28	29	30	31	Ave
SHLAND DAM 29	MIN	22 57	23 48	18	54 33 51	50 20 49 27 53	22 49	54 29 58	24	15	28	51	41	28	22	12	11 32	23	51 40 53	58 44 55 45	38 57 34	69 58 65 34	63 31	33 18 85	18 31 17	58 24 43	52 49 58	57 35	54 23 82	60 23 54	62 25 55	55 28	51 28 51
EAVER DAM	MIN	28 54	28 55	22 59	20 53	27 53	20 61	20 55	27 41	20	18 51	33 64	45	58 39 43	29	20	13	38 13 42	53 17 51	45	34	34	73 38 84	29	17	17	26 55 50	35 58 47 55	27 56	25 81	25 63		28 51
S NHA M	MIN	25 50	25 55	25 42		28	28 45	33	27 55	22	31	49 62 43	42	28 66	27	17	13	28 40	39	43	82	67	31	36 23	22	25 50	50	40	23	23	24 59	55 32	28 52
REA COLLEGE	MIN MAX MIN	28 54 25 50 27 53 28	30 50 23	18 57 19	56 21 50 32	28 50 23 47 29	20 58 33	21 55 30	32 36 27	20 37 19	31 54 23 53 29	43 64 50	65 50 64	41 48 31	29 34 25	21 30 15	14	15	58 35 54 45	45 57 44	30 68 45	67 42 65 51	61 54 62	59 27 28	1.1	12 58 29	45 28 58	83 42 59	25 51 28	23 53 23 57 27	22 80 24	32 83 23 58 35	
WLING GREEN WB AP	MIN			19	32 53					19			48				9	52 28					62 28	28 21	17		58 49	59 47					31
IGIN OIX DAM	MIN	53 24 51	22 49	20 60		52 25 50 28 51 25 47 26 43 28	61 26 58	57 33 57	41 26 50	24 37	55 37 52 30 42 23 52 32 49 27	65 55 63 50 57 38 64 52 62 49	62 39 64	39 32 48 32 52 30 45 32 34 24	38 27 35 27 42 26 36	33 16 33 16 36 16 35 18 26	16	51 28	54 42 54 42 52 28 54 49 48 39	53 39	67 43	66 54 85 51	64 28 63 41	35 22	50 19	59 28 57	55 44 58	55 29 58 50 57 51 57 32	55 24 55	81 24 60	85 25 81	52 28 58	52 28 53
PBELLSVILLE	MIN	26	29	18 58	26 52 29 51	28	24	35 58	29	18	30	50	47	32	27	16	41 11 33	52 22 44 13 52	42	52 45 53	68 38 56	51	41	42 23	18	22 45	48	50	26 55	25 55	24 82	27	3
BIN CAA	MIN	25	23	21	26	25	23	26 57	26	22	23	38	50	30	26	16	12	13	28	45	42	64 43	68 49	22	19	25	48 59 33 58 47	51	24 55 22	24 80	24	27	21
INGTON W H AIRPORT	MIN MAX MIN	26 55 25 54 23 47 26	29 56 23 50 21 45 26	58 16 50 23	26 47 33 47 34	26 43	24 56 23 57 21 53 23	31 48 32	23 32 21	21 32 16	32 49	52 62	47 64 50 68 45 64 32	32	28 33 18	18	12 44 11 36 15	19 43 28	49	57 39 53 43	42 66 35 65 41	66 45	61 32	49 22 32 17 27 17	48 15	25 59 20 55 28	47	32	22	21	24 67 21	27 65 27 57 23 50 33	2
																						64 54	62		19		51 45	56 34	48 27	58 32	55 30		
VILLE	MAX MIN	55 29	50 29	43 20 39 13 59 29	59 21	52 30	49 29	58 35	55 29	40 20 37	38 20	54 35	63 53	53 32	32 27	35 15	32 13 31	41 14 39	51 30	53 45	58 43	69 45	68 50 69 52	55 24	31 19	48 20	56 25	55 48 59 47	56 27	55 26	60	63	5 2 5 2
MERS	MAX	53	50 20	39 13	52 14	52 21	46 14	55 17	29 55 30 37	37 11 43	36 11	55 33	53 66 52 53	63	36 25	36 14	31	8	52 14	52 43	52 29	69	69 52	63 25	30 11	45 14	56 20	59 47	59 20 57 27	50 19	27 56 19	63 27 57 19 57 31	5
DS FERRY DAM 50	MAX	57 29	55 27	59 29	50 26	54 27	58 35	51 28	37 23	43 25 40	58 42	68 52	53 28	35 29	35 19	29 18	17	47 36 40	51 44	61 45	69 52	69 45 70	45 23	38	51 30	53	55 46	50 28	57 27	58	65 38	57 31	5
OKFORT LOCK 4	MAX	29 53 20 57 29 57 26 57 24	50 29 50 20 55 27 52 26 55 26	44 18 43 19	59 21 52 14 50 26 58 18 59 20	52 30 52 21 54 27 55 31 52 22	29 46 14 58 35 50 22 51 21	58 35 55 17 51 28 59 23 60 32	23 57 30 57 27	16	38 20 36 11 58 42 46 17 41 24	54 35 55 33 68 52 57 36 57 38	28 65 52 63 42	53 32 63 33 35 29 58 32 51 32	32 27 36 25 35 19 36 28 35 28	35 15 36 14 29 18 36 16 36 18	7 44 17 36 13 33	40 12	51 30 52 14 51 44 52 20 51 27	61 45 53 47 53 45	58 43 52 29 69 52 60 36 55 36	70 36 69	45 23 70 55 69	55 24 63 25 38 22 58 24 49 25	31 19	49 20	56 25 56 20 55 46 58 24 59 22	50 28 59 49	60 24	58 23	61 23	58 22	5
NSHURG	MAX	57	55 26	43 19	59 20	52 22	51 21	60 32	57 27	16 40 24	41 24	57 38	63 42	51 32	35 28	36 18	33 13	12 43 12	51 27	53 45	55 36	69 36	69 48	49 25	31 19 31 12	47	59 22	58 52	60 24 55 23	58 23 54 22	62 25	58 22 62 25	5
ENVILLE 2 W	MAX	55	55	58	54	53	60	55	45 33 37	38	57	68	68	50	35	26		43 12	53	58 41			61 31					55 50					5
OQUARTERS	MIN MAX MIN	47	47	54	51	53 30 46 25 49	60 40 57 24 60	55 41 55 35 58	37	28 33	53	61	60	51	34	30	43	12 46 21	52		65	64	61	34	50 23 44 16	51 24 53 29 52 18	57	50 58 38	57	60 22 57 27 57 21	66 24 55 29	33 54	5 2
ELBERG LOCK 14	MAX	53	53	57	47	49	60	58	53	14 37	47	57	51 67 53 65	28 53 35 40	39	13 39	14 42 10 40	45	55	42 60	63	68	65	48	46	52	59	60	55	57	29 59 20	56	5 2
ERSON 4 SW	MAX	55 30 47 20 53 24 54 28 52 24	55 30 47 23 53 36 54 30 51 24	58 28 54 20 57 17 56 27 39 16	54 46 51 21 47 25 52 39 52 18	21 54 29 47 20	19 57 34 45 17	41 53 35 56 18	22 53 33 40 22 53 31	18 35 20 37 19	57 38 53 28 47 32 52 30 38 19	68 56 61 57 45 66 50 53	65	40	24 39 30 35 24 40 28	30	40	45 15 44 29 39 11	53 29 52 41 55 35 50 43 56 25	43 59	69 48 65 41 63 32 68 49 56 30	68 57 64 50 68 35 68 56	61 30 65 47 64 29 65 45	36 19 34 21 48 26 36 20 63 22	46 13 49 26 30 14	48	53 43 57 45 59 31 53 42 56 18	60 44 54 39 61 40	56 22 57 28 55 23 55 28 64 25	60 26	63	54 33 54 34 56 23 57 40 58 21	N av S
DMAN SETTLEMENT SCH	MAX	52 24	51	39	52 18	47	45	56 18	53	37	38	53	40 65 48	23 68 39	40	16 36 20	16 34 11	39	56 25	45 55 44	56	66	65 45	63	30	48 27 43 15	56 18	61	64	47 20	63 27 52 19	58 21	200
INSVILLE 2 E	MAY			59			60			49	66	60																		61	64		
INGTON	MAX	23 50	25 52	24 57	28 53	55 20 57	36 58 31 58	35 53	50 27 42	25 36	36 52	50 65	42 65	46 29 42	27 35	17 33	15 41	53 32 44 31	33 50	58 39 57 45	43 69	68 50 69 55 67 54 67 51 69	63 45 63 30 63 32 60 28 84	21	50 20 50 23	24 58	36 54	43	23 55	25 63 24	28	35 53	5 3 5 3 5
CHFIELD	MIN MAX MIN	26 50	23 52	24 57	36 51	28 51	31 58	35 54	25 43	20 38	30 51	51 63	42 63	28 45	25 35	15 33	13 42	31 44	43 50	56	47 67	55	30 63	19	23	28 58	50	39	24	24	63 27 64	32 55	3
INGTON WH AIRPORT	MAX	27 47	42	25 54	41	27 47	28 56	35 54	24 37	22 36	30 52	51 62	42 61	28 38	26 34	15 29	15 38	28 48	42 52	45 55	46 66	54 67	32 60	21	21 46	30 53	50 55	44 57	24 51	59 26 59 29	64 30 58 31	35 54	3
SVILLE STAN W 8 AP	MIN	57 23 50 26 50 27 47 26 52 29	47 25 52 23 52 24 42 24 43 27	24 57 24 57 25 54 22 57 23	61 28 53 36 51 41 48 29 53 36	28 51 27 47 24 50 30	28 56 28 59 27	61 35 53 35 54 35 54 32 52 34	24 37 22 39 26	22 36 18 36 20	36 52 30 51 30 52 32 55 32	51 62 52 65 54	55 42 65 42 63 42 61 38 64 37	28 38 29 37 28	40 27 35 25 35 26 34 23 35 22	30 17 33 15 33 15 29 15 29 15	42 15 41 13 42 15 38 15 40 14	44 28 48 27 46 27	54 33 50 43 50 42 52 43 51 46	57	70 43 69 47 67 46 66 42 70 46	51 69	28 84	58 21 34 19 33 21 28 19 32 19	48 21 46 20 50 22	51 24 58 28 58 30 53 28 57 28	53 36 54 50 55 50 55 45 55	51 43 54 39 54 44 57 34 56 31	55 23 55 24 54 24 51 28 55 28	59	31 62 28	55 35 53 32 55 35 54 35 55 35	2 40 00 00
SVILLE WB CITY	MAX		40					49	36			64		36						46		58	28							28			4
SLACEVILLE	MIN	50 33 58 22 49 25 53 23		55 27 58 23 46 22 59 18 59	52 38 55 41 58 24 53 41 48	48 32 55 20 50 26 52 24 50	57 31 56 29 52 31 59 28 59	33 55	26	36 22 37 27 39	53 32 53 35 50	52 68	62 36 67 42 65	26 42	34 26 37 26 34 26 47	28 16 36 18 43 15 34 16 38	39 20 46 14 30	45 30 45 26 41 14 46 24 57	50 45 54 38 48 36 52 45 56	54 45 60	70 47 68	68 59 72 57 68 50 68	62 28 66	18	25	33	50	38	33	55 32 63	57 32	36	
ISONVILLE 1 SE	MIN MAX MIN	22 49	24 55	23 46	41 58	20 50	29 52	30 58	24 52	27 39	35 50	52 58	42 65	26 60	26 34	18 43	14 30	26 41	38 48	43 52	50 58	57 68	30 69	22 46	23	29	4.5 5.3	42 55	23	63 23 54 22	65 25 60	36	5 3 5
MOTH CAVE PARK	MIN MAX MIN	25 53	28 58 24 55 25 54 28 55	22 59	24 53	26 52	31 59	33 55 30 58 32 57 35 60	24 52 26 47	21 38	24 51	52 68 52 58 41 64	48 64	26 42 26 60 27 46 31 55	26	15 34	13	14 46	36 52	43 52 42 55	44 69	50 68	66 30 69 44 64	20 38	21 48	21 59	30 58	47 55	23 59	22 49	60 22 65	24	2
CHESTER	MAX	23	28 55	18 59	41	24 50	28 59	35 60	29 53	21 38 21 43	51 31 55	50 66	48 64 45 68	31 55	28 39	16 38	8 45	24 57	45 56	44 60	68 50 58 44 69 45 69	55	37 65	30 18 40 22 46 20 38 23 45	46 25 52 23 38 21 48 17 50	56 33 51 29 50 21 59 28 60	54 50 54 45 53 30 58 50 60	54 38 50 42 55 47 55 35	52 33 60 23 49 23 59 21 55	49 21 61	65 24 65	54 36 65 36 84 24 56 29 59	5 3 5
TELD 2 S	MIN		56				56	57	42	37		68	68		35									Ш									
SVILLE DAM :33	MIN	25		59 24 39 19	39	25	32	32 53 17	24	24	58 32		39	44 24 62	23	34 15 35	44 14 31	40 27 38	34	61 39 54 44	47	70 55 67 32 62	65 26	18	51 22 34 15	49 30	53 41	55 39	57 24	64 25	66 30	39	3
DLESHORO	MIN MAX	25	24	19 55	18	25	17	17	24 55 29 52	24 35 16 41	15	48 53 32 57	53	34 63	25	15	11 46	10	18	54 44 55	33	32	68 52	28	15	15	22	56 4.5	26	25 50 25	30 56 24	24	1
T STERLING		27	22 48 24 53 36 49 31	19	29	27	20	62 41 55 37	30 47 31	24	34	43	51	38	31	25	15	21	41	42 59	33	37	53	27	48 15	25	42	51	28	60 22	63 21 55 29	24	100
AY	MAX	59 25 55 25 55 27 49 37 61 22	31	19 54 21 61 22	57 39 52 18 49 29 51 34 55 42	55 25 51 25 50 27 47 29 56 21	32 46 17 56 20 55 24 60 30	37	31	24 38 19 44 28	32 34 15 45 34 48 30 53 37	43 61 47 68 51	39 65 53 62 51 65 46 68 44	38 48 31 46 29	23 37 25 42 31 36 26 36 28	15 42 25 33 16 34 19	15 40 14 46 14	21 42 24	53 34 47 18 54 41 53 42 55 38	45 59	71 47 58 33 62 33 67 38 70 49	37 67 50 70	61 53 63 43 67	63 28 57 27 45 23 41 23	45 18 52 23	45 15 59 25 56 28 50 31	56 22 55 42 58 47 53 46	58 51 51 28 56	61 26 55 28 57 26 56 23	58 28	29 66	60 39 54 24 55 24 56 30 61 32	10 53 53
	MAX		58 31				30	60	45										38	41		48	29	23	23	31	46	44		63 23	25	32	3
IS80RO	MAX MIN MAX	57 25 58 27 60	47 23 48 26 49	49 24 57 29 61	58 28 52 31 53	50 25 54 28 55	52 29	58 31 52 33 54	50 24 38	38 20 37 26 48	40 26	53 40 68	65 49	51 25	35 24 36 24 37	35 14 32 17 33	33 14 43 17 45	42 17 46 30 47	45 30	50 42 60	58 44 68 51 70	68 51 70	68 43 52 28 44	43	36	48	50 30	47	50 27 57 25 57	55 27	61	65	5 2
CAH CAA	MAX MIN MAX	58 27	48 26	57 29	52 31	54 28	52 29 56 37 59	52 33	38 25 41	37 26	26 56 37 60	68 56 66	49 62 33 56	25 35 27 29	36 24	32 17	43 17	46 30	45 30 54 45 55	60 46 62	68 51	70 52 71	52 28	43 21 38 23 40	36 23 50 25 52	48 27 52 32 58	50 30 54 47 55	47 40 55 30 55	57 25	62 25 60	61 28 64 26 67	65 31 56 31 58	5
CAR NO 5 FIRE STA	MAX																																5
VILLE	MIN MAX MIN	57 30	45 23	55 21	49 25	51 25	57	61 40	41 23	42 21	51 33	58 46	70 51	51 36	40 30	39 21	45 17	18	57 51	64 45	68 39	71 37	67 42	43 20 49	45 18	61 23	59 44	67 36	54 28	61 25	60 23	56 25	25 3
CETON	MAX	57 30 57 20	45 23 56 25	21 61 20	49 25 55 39	51 25 51 17	57 21 60 23		41 23 41 24	42 21 36 25	51 33 53 32	46 66 50	70 51 66 49	51 36 49 28	30 36 26	39 21 46 17	45 12	49 18 48 19	57 51 43 22	45 49 32	39 71 41	37 71 58	42 63 30	49 18	45 18 53 18	61 23 50 21	44 54 38	36 55 38	54 28 58 20	25 63 20	23 67 23	25 54 29	5 2
MOND E STATE COL	MAX	53	50	40	55	48		56	55	36		55	64 36 64	57	33		20		53	53			65 54 67	54									4 2 5
ELLVILLE	MIN MAX MIN	53 28 67 30 55 22 52 25 56 23	50 29 57 25	40 19 44 25	55 28 59 30 57 24 52 39 53 40	48 26 43 24 51 21 49 24 52 23	47 27 52 25 51	35 61 37 57 35 57 37	28 65 29 54	19 40 24 39 19 41 23 42 25	36 21 47 26 37 20 51 32 53	36 57 46 58 35 61 48	64	32 64	33 26 40 25 32 26 36 28 38 29	39	13 30 14 29	39 16 39 15 41	37 50	44 53	55	67 47 60 47 68	67	54 25 53 23 48	30 16 34 23 32	45 23 47 26 48	55	57 50 57 51 53 50 57	59 25 56 25 54	51 24 52 25 53	25 67 25 59	57 32 70 27 62	5 3
OHN HETHLEHEM ACAD	MAX	55	50	41	57	51	51	57	54	39	37	58	46 64	29 50 29 51 32	32	34	29	41	50	44 50	55	68	45 67 47	48	32	48	57	53	54	53	59	62	Ca NJ Ca C
NCE HILL	MAX	52	50	21 53 19	52	49	59	57	52	41	51	61	63	51	36	33	44	54	53	53	67	47 64	47 60	44	47	58	58	57	55	61	64	57	4 40 0
TSVILLE	MAX	56 23	50 23 50 32 55 26	61	53 40	52 23	23 59 23 61 29	58	29 52 29 52 27	42 25	53	65 51	49 63 50 66 45	47	38 29	33 16 39 18 34 15 33 19 35 18	13 44 13 44 11	15 54 26 48 24	32 50 29 53 43 53 46	44 53 46 55 37	57 40 55 45 55 44 67 38 69 46	38 67 44	43 58 42	21 44 25 42 24	20 47 16 49 20	21 58 25 61 26	54 30 55 26 57 23 58 45 59 49	48 56 46	22 55 23 63 26	22 61 23 60 22	23 64 26 66 25	26 57 28 55 33	Co ca Co
BYVILLE 2 W	MAX									40	36	57	63	54	33 24						57	68	69	50	30 18		50				59	60	
LISERTY WATER WKS	MIN MAX MIN	55 24 36	49 24 51	42 20 49	56 22 52	52 27 40	50 22 48	56 32 57	55 27 58	16 37	17 38	34 57	52	28	24	37 14 31	32 12 36	40 13 41	49 25 50	51 44 55	42	46	49	20	18 63	47 20 51	28 60	54 49 56	55 24 57	53 25 53	24 57	28 60	5 2 4
.IAMS8URG	MAX MIN	54	54	55 19	52		57	58	54	42	51	65	67	66	38	39	43	53	55	52	64	65	62	50	47	59	57	60	55	60	64	55	
JAMSTOWN	MAX MIN	52	46	19 37 20	50	50 23 51 26	45	58 22 54 23	54 27 52 28	42 23 40 15	51 22 35 15	43 55 35	54 60 52 65	34 54 28	33	39 22 33 12	43 13 26 12	35	45 49 26	50	55	65 42 66 45	65	26 53 21 56	47 17 25 18	43	42 55 28	37 53 48	55 25 57 29 58	22 50 29 59	53	55 24 53 28	2 4 2 5
CREEK DAM	MAX MIN	54 23 52 26 58 25	54 34 46 26 55 34	20 48 20	52 35 50 20 62 31	52 20	57 22 45 22 53 23	61 30	28 60 30	15 43 26	15 42 30	35 53 42	52 65 48	28 63 38	38 29 33 23 38 32	12 40 22	12 38 14	53 23 35 15 47	26 56 47	43 50 44 56 47	42 55 39 58 34	70 34	43 65 52 70 56	21 56 28	18 43 18	19 43 21 52 22	28 64 24	48 62 55	29 58 25	29 59 24	24 53 27 64 24	28 67 25	5
	# IN	25	34	20	31	20	23	30	30	26	30	42	18	38	32	22	14	20	97	97	34	34	56	28	18	22	24	55	25	24	24	25	3
																									-								
																									-								

#### DAILY TEMPERATURES

Table 5-Continued

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 DELAYED DATA JULY 1949 97 65 91 68 96 69 90 84 66 70 85 91 69 67 86 90 68 71 91 67 92 69 93 91 65 91 67 94 71 94 65 90 68 93 70 93 67 89 70 83 71 86 71 87 68 87 73 86 67 88 69 82 70 85 60 87 66 86 69 86 66 87 65 84 94 64 92 69 97 66 82 64 88 68 90 71 MAVETELD 2 S PIKEVILLE SEPTEMBER 1949 74 45 78 75 49 79 71 69 54 42 75 75 64 47 69 78 51 89 80 50 85 70 51 80 60 45 72 COVINGTON W8 AIRPORT 80 67 92 80 52 80 56 50 68 PAGUCAH NO 5 FIRE STA OCTOBER 1949 85 57 89 61 88 64 90 60 86 61 90 56 86 61 87 56 73 50 64 57 73 52 67 59 65 52 74 60 71 50 72 54 66 52 72 58 65 35 72 43 65 34 77 39 PIKEVILLE NOVEMBER 1949 MAX 46 71 48 52 51 59 70 74 73 76 80 83 63 69 60 58 43 39 61 69 45 40 60 59 43 43 60 65 63 58 MIN 36 33 39 35 29 27 29 32 30 32 36 41 46 34 31 27 35 27 27 41 33 24 22 29 34 30 30 29 35 32 PIKEVILLE

<b>EVAPORA</b>	MOITA	AND	WIND

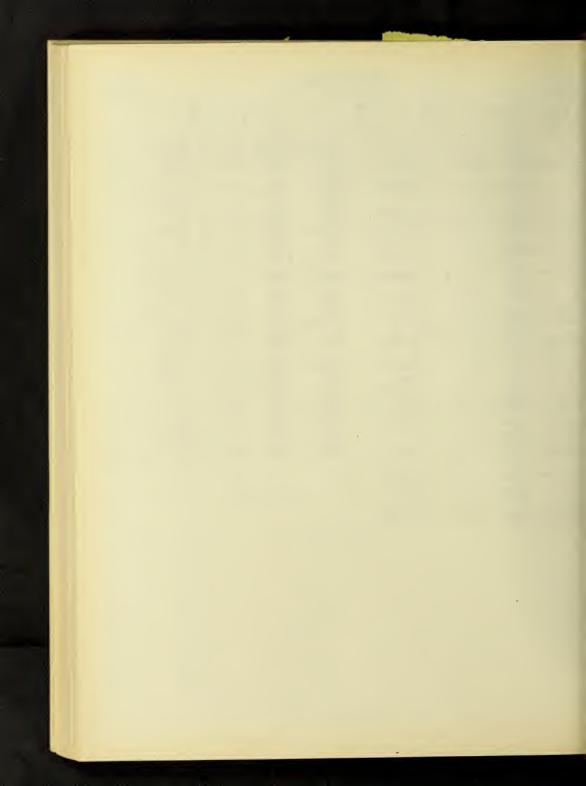
0																	Day o	of mo	oth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave.
WOLF CREEK DAM	EVAP WIND	* 26	.15	17	.08	* 22	* 21	.09	.07	* 16	.06		75	.08		4	13	8		64	.09		.03 117	66	17	12		.06 42	20		.10		952

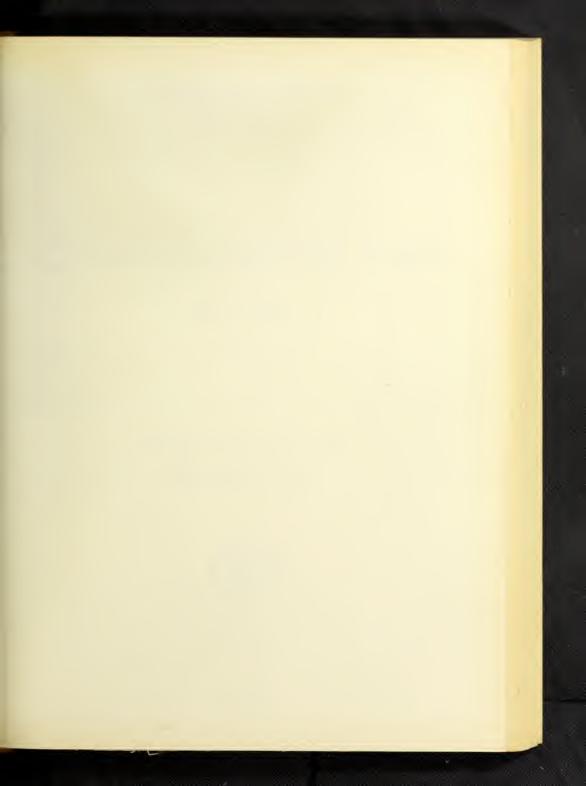
SNOWFALL AND SNOW ON GROUND Table 7

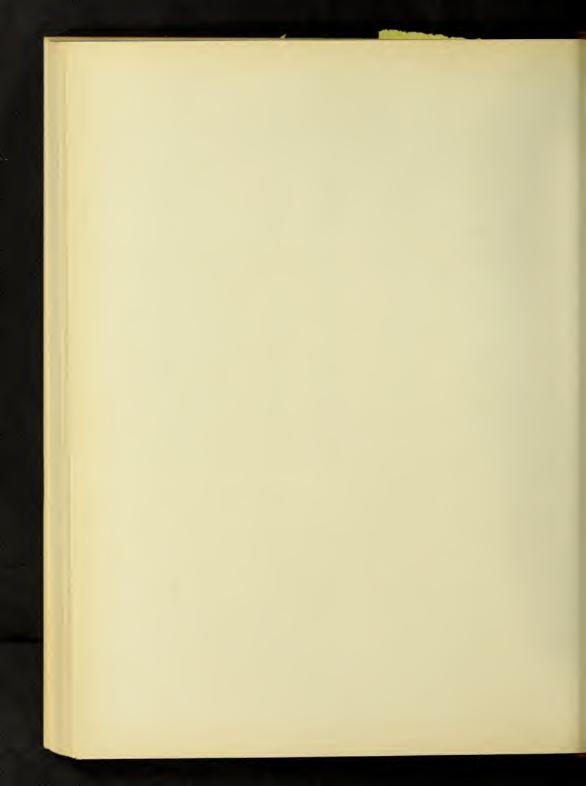
Station										,	_					Day	of m	onth								_					-	_
olddog		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
ASHLAND DAM 29	SNOWFALL SN ON GND										1																					
BEAVER DAM	SNOWFALL SN ON GND									т														т								
SENHAM	SNOWFALL SN ON GND																							1.0 T	0.5							
BOWLING GREEN WB AP	SNOWFALL SN ON GND									т													т	т								
CORBIN CAA	SNOWFALL SN ON GND									Т														т								ı
COVINGTON WB AIRPORT	SNOWFALL SN ON GND						т	т	т	0.6	0.7		т	Т									т	т								ı
DANVILLE	SNOWFALL SN ON GND										T																					ı
FARMERS	SNOWFALL SN ON GND										0.2 T													т								ı
FORDS FERRY DAM 5	SNOWPALL SN ON GND										т													T								ı
HEIDELBERG LOCK 14	SNOWFALL SN ON GND										-													т								ı
IRVINGTON	SNOWPALL SN ON GND									1.3														Ì								ı
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND									0.4														т								
LOUISVILLE STAN WB AP	SNOWFALL SN ON GNO						Т			1.4				т									т	т								ı
MANMOTH CAVE PARK	SNOWFALL SN ON GND	_		_	_	_	_	_	_	-	Т	_	_	_	_	_	-	_	_	_	_	_	_	T	_	_	_	_	_	_	_	
MAYSVILLE OAM 33	SNOWFALL SN ON GND								т		1.5	_	_	-	_	_									т							
OWENSBORO	SNOWFALL SNOWFALL										т																					
PADUCAH CAA	SNOWFALL SN ON GND									т													т	т								
SCOTTSVILLE	SNOWFALL SN ON GND																						т									
WILLIAMSTOWN	SNOWFALL SN ON GND										0.5																					

		-		-		_					_			THE REAL PROPERTY.	-	_		-	_				
Station	Index No	County	Dramage: Latitude	Longitude	Elevation	Obs vati tim	ion	Observer		Refer to ables		Station	Index No.	County	Drainage:	Latitude	Longitude	Elevation	Ohse	Observer			lefer to bles
ADDISON DAM 45 ADVERBUK I N ARGENBAGK ASSRCAME	0043 0093 0155 0248	BRECKIRKIDGE ALLAN PIRE PIRE	7 37 55 5 38 38 1 57 55 7 58 16 1 37 18	86 34 RR 1R R2 43 85 33 R2 26		7 P	6A 7A RA 7P RA	CORPS OF ENGINEERS IDEAL M DEANING MANNIE AUXIER C & BARRET RARY S RATLIFF	3 3 3 2 3	4	ь	LONDON POWT OFFICE LOUISA LOCK 3 LOUISVILLE MOWRAW FIELD LOUISVILLE STAN WE AD LOUISVILLE UPPER GAGE	4943 4931	LAWRENCE JEFFERNOR JEFFERNOR JEFFERNOR	7 7	37 ON 3R O7 3R I3 3W II 3W I7	#4 05 #2 57 #5 40 #5 44 #5 4#	1260 584 558 495 493	R:	I E W MARSER A NUSSFIL I WHEEL D UN WIATHER DONE D US WIATHER ROME A IN INGINEENS	S:M AU AU	2 5 3	4 4 4 7
ANELAND DAR 18 MARDATAWN MARDATAWN RANTHE RARLAM MATER MES SEAVER DAM	03R1	NRLSON HARLAN	7 58 27 2 38 52 8 37 48 2 36 31 3 57 25	83 36 83 33 85 38 83 20 86 52	R37	19	7A RID 7A RID RP	CORPS OF PREINBERS JOHN R WHARTON RES POPP SINCO CYBUS S LAVSON E G YOUNG	2 3 3 3 3 3	1 4	5 7	LOUISVILLE NH CITT LOUELACKVILLE LUCAS MADISONVILLE 1 NE MADISONVILLE 1 NE MADISONVILLE 1 NE	4967	JEFFRESON MALLAND BARREN HOPELES EDMONSON	3 3	3W 15 3R 5A 36 53 37 18 37 11	85 45 8R 50 86 02 87 28 86 08	467 478 455 HOD	SP 6	A UR MLATHER RUNF P BLAINI MALONI D CHOIL H BAITT A J W MK COY A NATIONAL PARE 8		2 3 2 3 3 3 2 3	4 5 4 6 5 7
BENTON BEREA COLLEGE REREA WATER FORES BOSTON 2 SW	OR11 OR18 OR34	RARLAN MANNHALL MADISON MADINON NELSON	3 38 38 8 36 51 4 37 34 4 57 34 8 37 46	84 16 85 42	3R0 1070 1100		BP 7A	C C WHITEARER BENTON WATER NINES JARES A GROSSMAN MHS L B GAFFARD MNS PAULENE COY	3 3 3 3 3 3	3 4	5 7	MANCERSTER MAYFIELD SUBSTA MAYFIELD 2 3 MAYSYLLE OAM 33 MC KINNRYSBURG	5250 5252 5243	CLAY GRAVES GRAVES RASON PAWDLATOK	6 7	57 08 56 44 56 42 56 58 58 38	R5 46 88 30 88 38 R3 42 84 16	450 364 364 324 61D	5P 5	A EARL HOWARD TYA P MICS JOE PAYNE A CORPN OF PROINE D AMANUA A AUTICE	RIIS	2 5 3 3 2 3 5	5 4 5 7 4
BOWLING GREEN SUBSTA ROWLING CREEN SUBSTA ROWLING CREEN WB AP REENT DAR 38 BROWNSVILLS LOCK 8	0908 0908	WARREK WARREN WARREM CAMPBELL EDRONSOK	3 37 00 3 37 01 3 38 38 7 38 03 3 37 12	86 28 86 28 R4 25	489		RID 7A	JAMES E EDWARDS TVA US MEATHER SUKEAU CORPS OF FMGINEERS CORPS OF RAGINEERS	3 3 3 3	,	5 7	MIDDLESDORO MIDDLESDORO RR STATION MIDMAY 2 3 MILLERSBURG MILLERSTOWN	5584 5407 5430	BELL WOODFORD BOURHOR GRAYSON	4 3	38 57 36 37 38 07 38 18 37 27	H3 43 H3 45 H4 42 H4 D9 H6 03	1128 1130 803	M1	D HUGH ALLEN D PHANE R TALLAPE A JOHN B WUGENT A RES AMY L DOTTE A MCS O M LANCER	KIND	2 3 3 3 3 3	5 7
BURGIN DIX DAM SURNSIDE CADIE LOCK R CAN'HEELSVILLE CARROLLTON LOCK 1	1136 1206 1256 1345	MERCER PULASEI TRIDG TAYLOR CARROLL	4 37 48 3 36 39 3 38 46 3 37 20 4 38 41	85 21 85 11	77D 705 424 777 4R0	4P 6P	8A 7A 7A 6P 7A	C W WILLIAMS SARAB E LEWIS CORPS OF ENGINEERS ALTA RC KINLEY COHPS OF ENGINEERS	3 3 3 2 3 5		5	MONTICELLO MORENEAD STA TEACH COL MOREN STEELING MUNEYORDYILLE MUNEAY	3555 3640 3684	WAYNE ROWAN WONTGOWERY MART CALLOWAY	5 5 3	36 5D 38 11 38 03 37 16 36 56	84 51 83 26 83 37 85 53 88 20	91D 770 930 600 600	5P 5	A E O COOPPE O M C EAGGAN P PRED CARTRILI A MUBERT E HODGE P RURHAY WATER 33	STER	3 3 2 3 3 2 3	4 5 4 5 7
CRRTEAL CITY WAYER BES CLINTON COLLEGE RILL LOCK II COLUMNIA CONSTANTINE	1631 1704 1722	MUHLEWRERG HICKMAN RADISON ADAIR BRECKIMBIDGE	3 37 19 6 36 41 4 37 47 3 37 06 3 37 40	89 00 64 06	729	1	MID 8A 7A MIO	CEN CITT MATER WES WOODSON D FRANKLIN CORPS OF ENGINEERS MES MAZEL S PICKET RES GLENNIE L SHAD	3 3 7 3 3	4		OLIVE HILL OLNEY OMEONTA DAM 55 OWENSBORO OWENSBORO DAM 46	6020 6033 6091	CARTEK MOPRINS CARPBELL DAYIFSS DAVIESS	7 7	38 18 37 13 38 58 37 46 37 47	83 I1 87 47 84 I8 87 09 87 06	752 360 497 420 404	5P 7	D MR3 N F FULTE J A ART O WILLIAMS A CORPS OF ENGINE A VIRGII I' CLANK A CORPS OF ENGINE	EES	3 3 3 2 3 3	4 5 7
CORBIN CAA CORBIN MATER WORES COVINGTON TO AIRPORT CYNTHIANA DANVILLE	1853 1998	WHITLET WHITLEY EDNTON HARKISON BOYLE	2 56 58 2 36 57 7 59 04 5 38 23 4 37 39	H4 40 84 18	1070	MID B	7A KID	CAA COMBIN WATER NORES US WEATHER BUREAU MARSWALL NILL R P COLDIRON	2 3 2 3 2 3 2 3	4	5 7 5 7 5 7	PADUCAK NO 5 FIRE STA PADUCAH SCS NURSERY PADUCAN CAA AP PAINTSVILLE PIKEVILLE	6117 6110 6156	MC CRACKEN MC CRACKEN MC CRACKEN JOHNSON PIKE	7 7 1	37 05 37 04 37 04 37 49 57 29	88 37 88 35 88 46 82 46 82 31	410 620 686	7P MI MID RE	A CAPTAIR IF WILL O SOIL COMSERV SE D U S CIVIL APRO A JESSE FAIRCHILD US WEATHER BURE	ADM .	2 3 2 3 2 3 2 3	5 4 4 5 7 4 5 7
DAVELLA OELPRIA DERA DUNORE BAKRETTS FORD SR DUNNOR	213I 3139 2358	MARTIN PEKKY ENOTT OHIO RUBLENBERG	I 37 48 4 37 02 1 37 35 3 37 33 3 37 05	82 32 83 07 82 48 86 43 87 00	850 430		8A 7A	BERTMA OE LONG FARIS CRESS BATTIE 8 BARNEY J L MUFF K D GIVENS	3 3 3 3	1		PINEVILLE PLEASUREVILLE 2 S PRINCETON RAYENMA LOCK 12 RICHMOND E STATE COL	6435 6575 6679	BELL SHELRY CALDWELL ESTILL MADISON	2	36 43 38 20 37 06 37 40 37 44	83 42 85 07 87 53 83 57 84 18	999 882 529 631 1000	5P 5	A F PARTIN A E B WORGAN P ALTON # HARVILL A CORPS OF ENGINE A EASTERN TEACHER	KRS S CO	2 3 2 3 2 3	5
DUNNYILLE EGGYFILLE LOCK F EDMONTON ELIZABETHTONK FALMOUTH	2445 2469 2510	CASEY LYON METCALFE HARDIN PENDLETON	3 37 13 2 37 03 3 37 00 3 37 43 5 36 40	84 56 85 05 85 37 85 52 84 20	420 600		7A 7A 7A 7A 8A	LINNIE D TARTER CORPS OF ENGINEERS JOHN E MORAN ROBERT E SETTLE JESSIE OLDHAM	3 3 3 3	4		RUMSET LOCK 2 RUSSELLVILLE RUSSELLVILLE SUBSTA SADIEVILLE WATER WORKS ST JOHN BETHLEHEM ACAD	7049 7054 7074	MC LEAN LOGAM LDGAM SCOTT HAROIM	3	37 32 36 51 36 50 38 23 37 42	87 16 86 53 86 54 84 32 85 59	384 590 576 890 777	7A 7	A CORPS OF ENGINE A OR S S MC REYNO TVA D RICHARD E ZEYSI A SISTER S M GSEL	LDS wc	2 3 3 3 3 2 3	4 5 4 5 7
FARMERS FLEWINGSBURG FLEWINGSBURG POST OFFIC FOAD LOCK 10 FORDS FERRY DAW 50	2903 12908 2953	ROWAN FLESING FLESING CLARK CRITTENDEN	5 36 09 5 36 25 5 38 35 4 37 53 7 37 28	83 33 83 43 83 44 84 15 88 D6	668 870 750 593 356	3	7A HID 7A	MRS C C STAMPER BYRON F FLEMING MAURICE O CARPENTE CORPS OF ENGINEERS CORPS OF ENGINEERS	2 3 3 3 2 3	4	5 7	ST MARY BALVISA LOCK 6 SALVERSVELLE SCIENCE RILL BCOTTSVILLE	7121 7129 7202	MARION MFRCER MAGOFFIN PULASKI ALLEN	5 3	37 35 37 56 37 45 37 11 36 45	85 21 84 49 83 04 84 39 86 12	730 520 900 1065 770	6P 6	O ST MARY COLLEGE A CORPS OF ENGINE O J M MAY P WILLIAM H DOBBS P NOBLE ALLEN	ERS	3 3 3 2 3 2 3	4 4 5 5 7
FRANKFORT LOCK 4 FRANKLIN WATER NORKS FRENCUBBURG 1 SW GEORGETONN NATER WORKS GEST LOCK 3	3036 3052 3194 3203	HENRY	4 38 12 4 38 25	84 33	504 691 680 490		7 A 6 A 8 A	CORPS OF EWGINEERS BERMAN D NEAL C JEROME MIERONYMUS JOE W ATKINS CORPS OF ENGINEERS	3	4	5 7	SEBREE WATER WORKS SHELBYVILLE 2 W SKEPHERDSVILLE SWITHFIELD 4 S SOWERSET BIWAY DEPT	7324 7334 7473	WEBSTER SHELBY BULLITT BENRY PULASEI	8 8	37 36 38 13 37 59 38 20 37 07	87 32 85 16 85 44 85 16 84 35	360 825 450 862 873	6P 5	P SEBREE WATER WO A WILLA S A RATTA A CONRAD MARAMAN D F W SIMPSON D L R SUTRERLAND	RKS	2 3 3 3 3	5 4 4
GLASCUT GODMAN AFBU FT MNOX GRAYT OAM 38 GRAYSON GREENSBURG	3280 3358 3391 3430	BARREN HARDIN BOONE CARTER GREEN	3 37 00 7 37 54 7 38 59 7 38 19 3 37 16	62 57 85 30	780 506 589 561	ľ	6A 8A	OSA L FOLLIS US AIR FORCE CORPS OF ENGINEERS SHIRLEY I STATEN WRS WELL M LINGLE	3 3 3 3 2 3	4	5	SPRINGFIELO STEARNS SUMMER SHADE SUBSTA TATHAM SPRINGS TAYLORSVILLE	7677 7805 7924	WASRINGTON MC CREARY METCALFE WASHINGTON SPENCER	3 8	37 41 36 42 36 53 37 52 38 02	85 14 84 29 85 40 85 09 85 29	738 1420 489	M1	A WM H COATLEY D C E CHITWOOD TVA D R C GEDMAN A MRS KATHRYN 8 C	ARR	3 3 3 3	4
GREENSBURG BIWAY 61 BR GREENUF OAB 30 GREENVILLE 2 W RALEYS WILL HARTFORD 6 N	3443 3451 3539 3652		3 37 15 7 36 37 3 37 12 3 37 03 3 37 32	65 30 82 51 87 12 87 20 86 54	540 519 740 540	5P	7A 7A 5P WID 6P	KENNETH STOTTS CORPS OF ENGINEERS C R LOVELL CLEATUS E BEINKLEY W R CARSON SR	2 3 3 3 3	4	5	TOMPRIKSVILLE TOMPRINSVILLE TEL OFF TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTORN OAM 49	8065 8144 8179	MONROE MONROE TRIGG ANDERSON UNION	9	36 42 36 42 36 45 38 02 37 46	85 41 85 41 88 05 84 51 87 57	899 899 350 524 357	7	O JAMES T PRILIPOT A MRS ALICE H RAL TVA A CORPS OF ENGINE A CORPS OF ENGINE	E ERS	3 3 3 3	4
RAZARD HEADQUARTERS BEIGELBERG LOCK 14 KENGERSON 4 SW HERNDON	3722 3741 3762	PERRY NICROLAS LEE BENDEKSOK CBRISTIAN	4 37 15 5 38 24 4 37 33 7 37 47 2 36 44	83 12 84 07 83 46 87 37 87 34	869 860 663 382	6P 4P 6P	6P 6A 6P	E A BAILEY WAS G L JENKINGS CORPS OF EMGINEERS FRANK STREET C W KEATTS	2 3 2 3 2 3 2 3		5 7 5	VALLEY VIEW LOCK 9 VANCEBURG DAM 32 WAYNESBURG 6 L WEST LIBERTY WAYER WES WILLIAMSBURG	8259 8486 8551	MADISON LEWIS LINCOLN MORGAN WBITLEY	7 2 . 5	37 51 38 38 37 22 37 58 36 44	84 26 83 21 84 34 83 15 84 10	571 525 1215 939	7	A CORPS OF ENGINE A CORPS OF ENGINE A FRANK BOECK A JOHN W TURNER A CHARLES B WEST	ERS ERS	3 3 3 2 3 2 3	5 5
BICKSVILLE MIGH BRIDGE LOCE 7 RINDHAM SETTLEMENT 3CB SODGENVILLE KAT PARK SOPEINSTILLE 2 K	3837 3899 3929	GRAVES JESSAMINE ENOTT LARUE CHRISTIAN	9 36 48 4 37 49 4 37 20 3 37 32 2 36 52	88 30 84 43 82 59 85 44 87 27	440 1080 524	SA:	84	TVA CORPS OF ENGINEERS ELIZABETH WATTS C C SELF W E MORRIS	3 3 2 3 3 2 3	4	5 7	WILLIAMSTOWN WILLOW LOCK 13 WOLF CREEK OAM WOOOSURY LOCK 6	8724	GRAMT LEE RUSSELL SUTLER	4 2	38 38 37 36 36 53 37 11	84 34 83 50 85 08 86 38	943 646 610 504		A WISS N B SIMPSO A CORPS OF ENGINE A CORPS OF ENGINE A CORPS OF ENGINE	200	2 3 2 3 3 3	4 5 6
SYDEN IEVIEGTON JACESON JENKINS WATER WORKS JEREMIAH	4165 4196 4241	LESLIE BRECKENRIDGE BREATHITT LETCHER LETCHER	4 37 10 3 37 53 4 37 33 1 37 10 4 37 10	83 22 86 17 83 23 82 38 82 56	850 646 776 1600 1130		7A	MRS FOREST CAMPBELL FLOYD G ROBBINS BOBERT ROBERTSON KENTUCEY WATER CO MAS BUSAN F ISOK	2 3 3 3 3		5 7	JENEINS	4236	LETCHER		EW STA 37.10	TION3 82 38	1600	MI	D MISSERT ELKINS		3	4
KEENE 2 N KENTUCKY OAM LANCASTER ICE PLANT LAURA LEITCHPIELD	4414 4620 4642	JESSAMINE LIYINGSTOK GARRARD WARTIN GRAYSON	4 37 58 9 37 01 4 37 37 1 37 45 3 37 29	84 38 88 16 84 35 82 26 86 18	362		SA SA	MARION W MABIK TERN VALLEY AUTE EENTUCKY UTIL CO JAMES A FIELD GEORGE D LITSEY	3 3 3 3 2 3	4	5	I DRAINAGE CODE	1 8 7 0	ig Sandy, 2 ( bio; 8 Salt,	Dumbe 9 Te	rland	3 Gree	- m, 4 I	 Sentuck	y. S Licking, 6 M	186761	ippi	
LITKINGTON WB AIRPORT LIBERTY LITTLE BILKMAN LOCK 8 LOCKPORT LOCK 2 LOCKPORT LOCK 2	4755 4825 4857	FAVETTE CASET JESSAMINE HENRY CLARK	4 38 02 3 37 21 4 37 45 4 38 26 4 37 51	84 36 84 55 84 35 84 58 84 02	979 560 485		7 A 7 A 6 A	OS NEATHER BUREAU PALLIA L HANKLA CORPS OF ENGINEERS CORPS OF ENGINEERS WR3 B BURGHER	2 3 3 3 3 3	4	5 7												
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See reference notes following Table 1. See corrections following Table 3. GPO CB FSO 2-8-50 900







# U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

# **KENTUCKY**

THE LIBRARY OF THE

MAR 22 1951

UNIVERSITY OF ILLINOIS

# **ANNUAL SUMMARY 1949**

Volume MLIV No. 13



#### KENTUCKY, 1949

O. K. Anderson, Section Director - Louisville

The year 1949 for the state as a whole showed an excess in temperature and precipitation from the normal with plus departures in temperature and precipitation being recorded in seven months, and below normal readings in five. The monthly mean temperatures for February, October, and December were near the highest ever recorded, with that of February being surpassed but three times. On the other hand, September was the second coldest month of that mass or record. The highest temperature second coldest month of that mass or record. The highest temperature Sterling and the lowest was zero degrees at Beaver Dam and Hopkinsville on the list of February. Rainfail amounts during June, October and December bave been exceeded but five times in the period of record. The greatest amount of rainfail in any one month during the year was 12,04 inches recorded at St. John in June and the least was 0.35 inch at Sumerical Control of the state as a whole, with only the month of March showing a plus departure from the normal.

mer Shade in September. The amount of smowfall was much below average for the state as a whole, with only the month of March showing a plus departure from the normal.

During January and February, weather conditions were favorable for growth of winter grains, with unseasonable warm weather during these month causing winter grains to grow at an ambornally rapid rate. However, we will be a substantially a substantial that the soil was too wet for outdoor work, with little or no plowing heing done. Preparation of tobacco beds was started in the middle of February. Heavy rains over the watershed in January caused the Ohio tricts and about eleven feet above in the lower districts. Additional beavy rains in February caused a further rise above flood stage in the lower districts already in flood. Frequent rains in March kept the soil wet with outdoor farm activities being further retarded. Some rand fall-most crops herefitted by colder weather since it checked the shoomal growth of previous months. Some relief was given to those feeding stock with the rapid improvement of pastures. The advent of without the soil was the substantial for substantial for the substantial for substantial for the substantial for substantial for substantial for substantial for substantial for substantial for substantial for substantial for substantial for substantial for substantial for substantial for substantial for substantial for substantial for substantial for substan

During the year several severe storms were reported. In March, torna-

does struck in Marshall, Callowsy and Muhlenborg counties, resulting in large property losses. In the same month, a thunderstore bit Calboun with the accompanying wind causing property desages estimated at \$5000 and injury to 2 persons. In May, tornadoes and high winds in Estill, Pulaski, Lee, Ownley, Madison and Kenton counties resulted in one death and severe property damages. In June, one person was killed in a thun-lone person died as a result of the stores in Lovelaceville and they also accounted for property losses in that city and also at Berea. Winds and halistores in August, Septemeer and Moveher struck Science Hill, crab Orchard, Lexington, Letcher County and Hopkins County, with the resultant damages.

#### WEATHER BY MONTHS - 1949

JANUARY - Unusually warm and moist. Precipitation frequent. Weath condition favorable for growth of winter grains but too wet for outlet activity. Beavy rains caused ahove-flood stages in the Obio River.

FEBRUARY tY - One of the warmest on record, surpassed but three times s Rainfall considerably above average. Heavy rains caused fur thove flood stage in the lower districts of the Obio River.

MARCB - Below normal temperatures with above normal precipitation. Frequent rains kept soil wet with outdoor activities further retarded. Tornado of the "bounding" type struck several southwestern counties on the evening of the 26th.

APRIL - Both temperature and precipitation helow normal. Light frost caused some damage to tender vegetation. Dryer weather conditions per-mitted resumption of outdoor work. Preparation of corn ground was one of the principal tasks.

MAY - Temperatures were shove normal with precipitation below average. The month was favorable for crop growth and general field work. Diveater retarded growth of pastures. Tobacco plants in seed beds in fair to good condition. Tols month was marked by severe tornadoes on the 21st and 22nd, resulting in large property losses and one fatality.

JUNE - Temperatures and precipitation above normal with total precipi-tation heing exceeded but five times. Corn planting virtually complet-ed with tohacco transplanting near completion. Some flooding of low-lands caused by heavy rains resulted in some crop damages.

 ${\bf Y}$  - Temperatures above normal and precipitation below average. Normonth for agriculture.

AUGUST - Below average in temperature and above normal in rainfall Several severe thunderstorms accompanied by hail and strong winds.Principal activities harvesting of hay and fruit, cutting and bousing o tobacco, and fall seeding and plowing.

SEPTEMBER - Second coldest September on record. First reports of frost of the season. Precipitation below normal. Favorable for farm work but unfavorable for crop growth because of the cold dry weather.

OCTOBER - Above normal temperature and precipitation. Stri bacco far advanced. Harvesting of corn also well advanced. vities near the seasonal normal. Stripping o

NOTHIBER - Temperature and precipitation below normal. First snow of the season feeld during this month. Stock feeding becoming general. Rainfall needed in most areas. DECEMBER - Warm, moist month. Principal activities were stripping and marketing of tohacco. Moisture was ample and stock feeding heavy. Con-siderable flooding of lowlands reported.

W S

#### ACKNOWLEDGMENT

In addition to the Climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Bydroclimatic Network Stations which were formerly reproduced in the Bydrologic Bulletin Series. The Bydroclimatic Network is a macroscopic state of the State of the State of the State of the State of the State of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and relative to the State of

\$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this hulletin Series, data from Bydroclimatic Network Stations were presented in hulletins (Sydrologic Bulletins) which were issued monthly for each of 8 drainage areas enhancing the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being listed to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Bydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this hulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

EPHTULEY 1949

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	Janu	ary	Febr	uary	March		Ap	ril	Ma	y	Ju	0.0	Ju	ly	Aug	ust	Septe	mber	Octo	ber	n Novembe		Decer	nber	Ann	ual
Station	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Тетр	Departure	Тещр	Departure	Temp	Departure	Temp	Departure	Тетр	Departure	Тепр	Departure
ANCHORAGE ASHLAND DAM 29 BEAVER DAM BENNAM BERRA COLLEGE	40.4 44.3 41.3 45.8 45.8	8.5	39.5 45.1 40.4 45.4M 44.6	8.I 2.5	44.0M 43.1 45.5M	-5.6	51.6M 51.2 53.9 52.6 54.1	-4.2	65.6M 64.7 66.3M 64.6 65.4	0.1		1.6	79.3 60.2 78.2M 76.0	3.5	75.3 75.1 75.0 74.6	-0.5	63.1 64.2 65.N 64.2 64.5	-6.I -5.6	61.4 61.9 63.6 62.5 61.5	3.8	44.4 44.7 47.8 42.8 45.4	-0 2 -2 I 0.3		2.7	56.5 57.3	1 5 0.7
BOWLING GREEN WB AP SUBGIN DIX DAM CAMPBELLSVILLE CORBIN CAA' COVINGTON WB AIRPORT	43.5 45.5 45.0M 45.9 36.5	R.7	42.4 44.4M 43.9 44.5 39.5	4.6	47.0 47.3 47.5 47.4 45.9	-2.I 0.2	54.7 54.6 55.1M 54.4M 51.2	-1.9	67.6 67.5 67.7 66.7 64.2	1.8	75.6 75.6 75.2 75.4 74.6	0.9	80.6 60.9M 76.7 76.B 79.0		76.1 76.3N 75.0N 73.7 74.5				62.I 62.6 61.1 8I.1 60.2	3.2	45.3 46.8 43.5 44.3 43.5	-2 9 -0.7	41 3 42.0 40.5 40.6 38.4		58.3 60.5 55.9	0.3
DANYILLE FARMERS FORDS FERRY DAM 50 FRAMEFORT LOCE 4 GRENSBURG	45.0 44.5 42.1M 44.8 45.5M	9.2	43.9 43.4M 42.2 44.0 44.1	7.2	44.4 42.5 43.2 44.7	-2.6	53.0 51.1 52.1 55.8M	-3.3	65.7 63.6M 65.4M	0.2	74.3 72.6M 75.4 75.2 74.6	1.1	79.4 77.1M 79.5 80.5 80.6M	3.3	75.5 75.0M 75.9 75.5	0.3	65.6 60.0M 63.4 63.8 64.7	-6.3	62.0 59.4 61.1 61.3 61.7	3.1	44.6 41.6 46.9 44.4 43.9	0.7 -3 4 -1.9 -1.8	40 3 36 7 41.6 40.0 36.5	0.2	57.8 57.6	1.3
GREENVILLE 2 W BEADQUARTERS HEIOELBERG LOCK 14 HENDERSON 4 SW SIKUMAN SETTLEMENT SCS	43.4 49.0M 44.6 41.2 43.6	8.9	43.2M 45.3M 43.6 41.3 43.4	5.9	47.8 39.0 47.5 44.3	0.2 -6.8 0.0	56.3M 50.9 55.2 53.5	-4.4 -2.3	67.4 63.4 66.8M 64.4M	-1.1 -0.5	74.9M 72.6 75.8 72.9	-0.1	80.1 -77.9 80.4 78.4	2.3 1.7 0.9	75.6 75.4 75.7 74.7	0.3	66.3 64.5 64.3 84.1	-5.2 -7.8	83.4M 81.3M 62.2M 61.6 60.0	4.6	4B, 2 44.1 45.6 47.4 41.6	0.1 -0.1	43.8W 40.0 41.1 42.0 37.9	4.1	59.I 58.7 58.3 56.6	0.6 0.2
HOPEINSVILLE 2 E IRVINGTON LEITCHFIELD LEXINGTON W8 AIRPORT LOUISVILLE STAN W8 AP	41.9 42.2 42.7 41.2 41.7	6.7 7.1 8.3	41.2 41.9 41.9 40.6 41.4	5.0 5.1 5.2	45.7 46.5 46.5 44.2 46.2	-3.4 -0.4 -0.1 0.5 2.1	55.0M 54.5 54.3 51.B 54.4	-1.6 -1.6 -2.5	67.5 67.2 67.2 65.7 67.B	1.4	74.7 74.8 74.3 75.3 75.6	0.7 0.8 3.I	79.3M 79.7 79.2 79.6 81.1	2.0 I.9	74.4 75.8 75.0 74.9 76.4	-0.4 -1.0	84.8 64.7 64.4 84.0 84.8	-5.8 -5.6	62.1	3.4	45.5 46.7 46.6 44.2 46.6	-2.8 0.1 0.2 -0.6 1.6	42.6 41.9 42.0 40.0 41.5	4.6 4.8 4.2	57.9 58.2 58.0 56.6 58.3	-0.7 1.4 1.4 1.9 2.6
LOOISVILLE WB CITY LOVELACEVILLE MADISONVILLE I SE MANMOTH CAVE PARK MAYFIELD 2 S	4I.1 42.5 43.4 43.0 4I.6	9.9	42.6 41.9 42.1 41.5 42.1	1.9	46.1 47.9 44.9 45.2 46.6	-1.1	54.1 57.2 54.BM 53.7 56.0	-1.2	6B.4 68.5 67.3 65.4M 67.7	0.8	76.5 76.5 75.9 73.7 74.8	0.7	81.4 80.3 80.4 78.4 78.9		76.6 78.2 75.7 73.2N 75.8	-2.4	65.1 85.7 64.5 64.4 65.5	-6.0	62.6 63.0 61.8 62.3 61.8	5.1	46.8 48.0 45.7 47.6 47.9		41.6 42.9 40.2 42.2 42.3	7.0	58.6 56.2 58.1 57.5 58.4	1.6 0.5 1.8 -0.4
MAYSVILLE DAM 33 MIGDLESBORO MOUNT STERLING MURRAY OWENSBORO	42.0 48.6 43.6 43.7 41.6	10.5 10.5 5.9	41.9M 48.1 44.0 43.4M 40.5	8.3	41.9M 49.3 46.5 49.2	0.9	50,2N 56,4 54,2 57,9 53,8	-0.5 -0.1 -0.3	62.6M 66.8 67.3 68.8 67.3	2.5 3.0 1.5	72.7 75.2 76.4 76.3 76.2	2.7 3.5 1.0	78.3 78.1 80.3 80.8 81.0		73.2 75.4 76.5 76.7 76.6	0.9 1.7 -1.3	62.1 65.8 65.7 65.7 64.8	-4.I -3.1 -6.2	60.0 63.3 62.9 63.5 62.2	5.1 8.4 3.4	44.2 45.2 46.5 48.5 45.2	2.1	37.9 42.9 41.7 43.4 39.7	3.7 6.3	55.6 56.7 58.8 59.8	0.3 2.B 3.8 I.0
PADUCAE CAA PADUCAE NO 5 FIRE STA PIKEVILLE PRINCETON RICHMOND TEACHERS COL	47.9 42.8 44.0	6.3	47.2 42.31 42.8	3.5	47.4 47.0 43.9	-1.6 -1.0 -2.1	55.9M	-1.9	67.3 67.3M 64.5	0.5	75.5 74.7 73.5	-0.9	81.2 80.0 78.7M 78.3	2.4	76.4 76.5 74.5 74.8	-0.5	65.1 65.3 66.0 65.0 64.1	-4.6 -6.5	61.9 61.3M 64.3 61.8 61.6	4.	46.5	-0.9 -1.3 N -0.6 -2.6	42.1 42.4 41.0M 39.6	2.3	59.6 58.1 56.9	1.8 0.1 0.0
RUSSELLVILLE ST JOHN SETHLEHEM ACAD SCIENCE SILL SCOTTSVILLE SHELBYVILLE 2 W	43.6 43.4 45.5 46.8 42.2	9.5	41.9M 42.0 44.1 45.0 41.6	6.2 7.5	46.2M 42.8 47.1 49.2 43.1	-1.1 -2.7 0.9	55.8 52.5 54.7 56.8 50.9	-2.4 -0.3	69.3 65.3 66.1 68.6 64.4	0.9	77.1 73.5 74.4 75.9 74.2	2.5	82.0 78.7 78.6 80.7 79.5		74.5 75.3 76.4 74.8	1.0	63.8 65.7 66.6 62.9	-3.3	60.5 62.7 63.5 60.8	5.	44.2 46.6 47.5 43.0	-1.4 0.9 -1.8	41.6 39.0 42.3 43.3 39.0	5.3	56.7 58.6 60.0 56.3	1.1 3.0 0.8
WEST LIBERTY WATER WES WILLIAMSBURG WILLIAMSTOWN WOLF CREEK DAM	47.3 40.2 <u>1</u> 46.6	8.9 7.1	45.2M 46.4 40.5 44.6M	6,1	48.2	-0.5	55.5 56.3M	-1.2	65.9 68.0	0.0	74.1		78.1 78.7 80.4	1.0	74.3M 74.6 77.1	-1.5 -0.4	64.5	-	62.3 59.8 63.1		46.7 3 42.9 45.5	0.0 -2.3	42.3 37.7 43.0	3.0	58.8 59.7	1.0

# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

KENTUCKY

	Janu	ary	Febr	ary	Max	ch	Apr	nil	Ma	ау	Ju	ne	Ju	ly	Aug	ust	Septer	mber	Octo	ber	November		Decen	aber	Ann	ual
Station	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip.	Departure	Prectip	Departure
ADDISOW DAM 45 ADDIPHUS 1 W R// ALLEN ANCEDRAGE ASBCAMP	6.28 7.16 4.51 7.82 4.05	3.83	4.68 4.36 3.80 4.30 3.26	1.46	7.88 4.97 3.35 5.32 4.13	3.01	3.05 3.18 4.60 2.4B	97 - -1.38	2.28 2.48 3.81 2.82 2.82	-1.76 - .82	8.87 10.15 2.46 8.17 3.85	2.98	1.84 4.47 7.65 2.34 6.70	-1.48  -1.84	2.47 5.84 2.55 3.68 4.50	70 - .04	2.50 2.98 1.04 2.56	81 -1.78	4.59 4.24 3.40 4.88	2.00	1.40 - 1.91 1.57 2.58	-1.63 -1.48	5.74 4.36 4.35	2.53	51.77 46.00 45.39	8.76 2.73
ASHLAND DAM 29 BARBOURVILLE WTR WES R SARDSTOWN BASS 3 SW BASTEB BARLAN W WES R	5.07 6.63 6.52 7.31 5.75	1.74	3,39 - 6.31 3,51 2.69	.09 2.78	2.47 4.86 5.83 3.61	1.23	2.74 6.38 4.08 - 5.06	85 .12 -	2.10 2.02 3.21 2.72	-1.90 78 -	2.32 2.04 4.74 - 4.05	-1.89 -50 -	4.37 5.38 5.26 - 5.32	1.35	4.15 4.43 5.40	.48 .58 -	2.24 1.90 1.50 - 2.23	32 -1.57	3.44 3.61 3.94 - 4.22	.86 - .68 -	3.11 1.96 2.51	.12 -1.40	4.89 7.38 4.25	1.52 - 2.98 -	40.09 55.16 47.81	-2.37 6.43
SEAVER DAM SENHAM BENTON R SEREA COLLEGE SEREA WATER WORKS	8.38 5.17 6.98 5.05 6.13	4.20 - .35	5.63 2.86 7.34 6.01 6.87	2.19	5.24 3.24 3.52	2.31	1.76 5.20 1.83 4.03 4.55	-2.38 - .24 -	2.12 4.89 2.32 4.31 2.71	-1.99 - .32	5.68 3.12 7.37 2.40 2.88	1.97	9.03 3.80 5.41 4.31	.68	3.98  10.11 5.77 4.93	1.80	1.18 2.84 2.80 1.54 2.09	-1.58 - -1.38	7.14 6.35 4.23 4.88	1.47	1.47 2.94 .87 2.20 1.74	-1.77 -1.01	6.40 4.15 - 5.44 5.60	1.32	49.63 50.22	2.42
BOSTON 2 SW BOWLING GREEN SOWLING GREEN SUBSTA BOWLING GREEN WB AP BRENT DAM 36	4.95 5.59 5.37 5.58 7.20	.59	3.61 8.32 8.72 7.39 3.36	3.37	4.27 5.02 4.35 4.74 4.23	- - 48 .04	3.32 4.25 3.46 4.06 1.87	- - 43 -1.81	2.12 1.84 1.54 2.71 2.22	-1.45 -1.21	5.98 6.10 7.21 6.72 6.34	2.88	2.61 3.06 3.58 3.71 4.46	- - 58 .84	5.23 4.83 3.52 6.35 2.62	2.61 88	1.30 1.14 1.29 .76 1.66	-2.42 -1.56	2.99 4.36 3.79 4.26 2.42	1.52	1.61 1.20 1.27 1.04 .95	- - -2.78 -2.05	6.86 9.74 9.24 8.26 3.85	4.97		7.81 1.52
	5.86 5.42 7.18 7.24 4.59	.36 1.41 2.47	6.84 8.07 4.37 6.78 7.37	3.05 2.B7 .13	4.90 5.12 5.77 6.28 4.04	63 .65 .49 -	3.56 3.92 5.47 2.04 3.54	95 .34 1.26	2.40 3.28 2.05 3.56 2.11	-1.56 46 -2.24 -	8.29 5.94 3.54 7.83 8.74	4.09 1.49 66	5.13 5.96 5.43 3.33 5.02	1.22 1.80 .73	3.82 4.31 4.56 5.53	42 .45 .44	.84 1.26 1.78 1.71 1.25	-2.28 -1.86 -1.57	6.05 1.98 5.95 7.36 3.84	2.96 61 3.24 -	1.16 2.00 1.85 1.11 1.88	-2.74 -1.06 -1.58	9.09 7.47 4.89 6.45 7.51	4.93 4.06 .63	59.22	8.03 9.08 3.34
	7.32 8.00 8.22 4.55 6,14	3.70	3.40 - 5.46 6.62	2.59	4.39 5.92 8.19 2.96	.50 - -1.38	1.78 1.98 1.42 - 3.53	-1.75 - - -	1.80 1.51 2.42 4.91 1.54	-2.28 - - 1.20	5.93 5.59 2.80 3.38 8.47	2.00	1.75 5.44 3.81 6.09	-1.73 - 66	1.57 3.64 6.02	1.47	1.23 - 1.89 1.08 .51	-1.78 - -1.87	2.28 - 8.94 4.14 4.29	1.32	.58 1.85 1.00 2.11 1.17	-2.35	3.74 5.47 7.20 6.46 5.91	2.76	38.98	84
CONSTANTINE R CORBIN CAA CORBIN WATER WORKS COVINGTON #B AIRPORT CYNTHIANA	- 6.18 6.30 8.95 6.56	2.63	2.75 2.99 3.03 4.72	1.92	5.22 5.25 4.31 3.93	57	3.20 5.55 5.60 1.51 3.50	46	1.69 2.00 2.11 1.39 1.10	-2.01	10.98 3.16 3.27 5.30 4.79	1,36	3.08 8.32 11.53 4.89 5.48		1.44 4.59 3.91 4.32 3.52	06	1.54 2.25 2.80 .98 1.71	-1.20	4.66 4.77 2.55 1.65	77	1.54 1.56 .43 2.33	72	5.40 5.69 3.17 5.58	2.31	51.62 55.78 40.83 44.87	4.38
DANVILLE DAVELLA R DELP81A DEMA DUNDEE BRTS FRD BR R	4.87 4.43 5.24 9.26	.38	5.95 2.20 5.82	2.29	4.95 3.37 5.01 7.58	.18	4.15 3.15 5.23 1.85	.11	3.59 2.67 - 3.31 1.12	58	8.83 6.93 - 3.07 6.22	4.65	3.92 - 4.26 3.04	=	2.60 1.49 4.05 2.45	99 - - -	1.35 2.96 - 3.61 1.36	-1.73 - - -	2.42 - 3.90 5.71	.06	1.98 1.85 4.10 1.50 2.21	-1.34	6.46 4.42 3.79 7.48	2.39	54.10	4.91
DUNMOR DUNNYILLE EDDYVILLE LOCK F EDMONTON ELIZABETHTOWN	8.42 8.18 6.93 7.00	2.38	7.28 7.90 6.13 5.00 6.43	.83	8.92 4.90 6.01 5.57	05	3.03 4.45 1.55 4.39	.05	1.75 3.38 2.45 3.64	80	3.27 5.91 4.63 11.35 2.08	7.11	5.04 5.53 4.02 3.02 4.26	-1.76	3.44 2.69 7.01	-1.08	1.40 .75 1.63 .92 .89	-2.26	5.96 5.24 5.78 5.80 3.77	3.09	1.00 1.10 .97 .98 1.98	-2.46	6.87 - 6.40 11.64	1.66		6.78
FALMOUTS FARMERS FLEMINSBURG FLEMINGSBURG POST OF R FORD LOCK 10	6.94 5.91 5.94 - 4.69	3.12 1.60 1.81 - .38	4.50 5.68 4.66 4.36 5.71	1.45 2.59 1.57 - 2.69	4.63 3.32 4.23 - 4.46	.30 -1.25 59 -	3.34 3.54 3.18 - 3.77	37 38 98 05	1.78 3.43 3.21 5.76 3.71	-1.88 68 85 18	7.06 1.00 2.77 2.17 2.89	2.95 -3.38 -1.76 -1.18	5.67 4.01 4.72 4.10 6.26	.46	3.92 3.84 4.68 2.30	.26 62 .30 -1.80	.76 2.57 2.83 2.39 1.34	-1.74 23 19 -1.86	3.26 2.45 1.49 1.35 2.94	.90 46 -1.32 -	1.15 2.70 4.05 3.82 2.00	-1.97 30 .72 89	4.57 4.75 5.15 5.81 5.91	1.30 1.01 1.90 2.54		6.08 -2.84 .97 2.12
FORDS FERRY DAM 50 FRANKPORT LOCK 4 FRANKLIN WATER WORKS FRENCHBURG 1 SW GEORGETOWN WATER WORKS	9.07 6.05 7.26 5.50	4.51 1.93 2.64	3.77 4.50 5.74	.65 1.13 1.67	7.29 4.92 5.40 - 4.62	2,32 .50 .31	1.72 3.22 4.54 - 3.72	-2.50 71 .32 -	2.51 2.51 2.62 - 2.25	88 -1.24 -1.72 -	5.09 6.62 6.86 5.77	1.60 2.65 2.91	1.63 1.33 2.24 3.65		3.23 6.63 7.05	.54 3.11 3.32	3.66 1.62 .74	.13 -1.23 -2.41	5.07 3.05 4.67 2.63	2.47 .56 2.06	.95 2.71 - 3.63	-2.20 43 - - -	4.93 5.63 9.69 6.17	2.02 2.26 5.36	48.92 48.79	7.54 5.77
GEST LOCK 3 GLASGOW GCDMAN AFBU FT KNOX GRANT DAM 38 GRAYSON	6.27 6.66 - 9.04 5.16	2.13 1.81 5.90	4.45 7.83 - 3.19 3.88	1.85 4.34 - .83	5.55 - 4.46 2.73	1.01	3.22 5.60 - 1.43 2.69	78 1.31 -2.04	1.83 1.60 - 1.81 2.00	-1.57 -2.31 -1.40	8.27 8.71 5.28	4.25 4.91 1.66	2.17 4.03 6.33 5.68	_	4.30 5.09 4.02 5.62	1.10	1.42 1.04 1.30 3.95	-1.61 -2.35 -1.83	3.24 5.13 - 2.80 3.45	.41 2.66 - .50	1.23 1.48 .65 2.25	-1.92 -2.42 -2.08	3.48 4.83	1.10	i	7.52
GREENSURG GREENSBURG BIWAY 61 8R GREENUP DAW 30 GREENVILLE 2 W HALEYS WILL R	5.44 5.12 5.64 7.54 7.63	.51 2.08 3.03	7.95 6.69 3.39 6.89 6.90	4.34 .47 3.52	4.30 4.01 2.26 6.10 6.57	-1.02 -1.82 .97	3.95 4.24 3.02 2.25 2.79	.07 63 -2.50	1.99 3.72 1.89 1.44	- .15 -1.95	8.50 9.57 3.86 7.27 7.05	5.03 - .14 2.76	4.34 3.31 1.82 2.63	-1.01 -1.98	3.90 2.04 2.67 6.57 4.14	19 71 3.08	1.15 - 2.34 1.38 .53	-1.99 29 -1.60	3.75 3.17 1.87 6.19 5.06	.86 44 2.86	1.77 1.45 2.34 2.19	-1.80 84 -1.25	9.10 8.19 4.41 5.16 5.24	5.03 1.34 1.43	38.83 55.25 50.52	-1.36 8.37
HARTFORD 6 M RAZARD HEADQUARTERS BEIDELBERG LOCK 14 8ENDERSON 4 SW	8.31 5.11 9.38 5.09 8.82	1.66 .58 5.88	5.60 2,93 - 5.32 4.45	69 1.64 1.51	6.76 3.80 4.67 8.58	71 - 3.07	2.37 4.54 3.77 4.01 2.58	.76 .20 -1.48	1.83 2.04 - 2.73 2.91	-1.33 -1.04	6.94 - 2.50 3.80	- - -2.02 .08	1.09 5,10 4.81 3,54	-	4.56 2.33 - 2.35 2.72	-2.13 -1.96 36	1.67 2.41 2.07 1.96 2.79	58 -1.11 20	6.14 3.86 1.25 3.38 6.44	1.02 .51 3.58	2.32 2.30 3.17 1.51 1.13	78 -1.19 -2.34		01 .55 1.53	54.23	10.56
HERNDON R 81CESVILLE HIGH SRIDGE LOCK 7 BINDMAN SETTLEMENT SCE HODGENVILLE NAT PARK R	6.12 7.29 4.33 5.28 5.97	15	7.90 5.70 6.46	2.44	5.81 4.74 5.24	.37	2.77 2.25 5.35 2.82		2.20 3.30 1.80 2.49 1.32		8.77 5.89 5.98 4.46 8.43	1.72	1.81 3.82 3.92 2.70 7.58	25	5.74 8.27 3.71 3.54 6.72	0.0	.43 3.02 .98 2.87 1.40	-2.05 -2.05	5.00 6.56 2.76 4.81 3.56	.11	1.14 .67 2.05	-1.02	5.97 6.24 7.42 3.21 8.45	3.63	62.02 59.23	
SOPKINSVILLE 2 E HYDEN IRVINGTON JACKSON JENKINS	8.17 - 8.32 4.98	1.87 4.10 .84	7.18 3.58 5.03 5.13	3.52 1.97 1.64	5.98 6.98 3.91	.98 - 2.22 -1.11	2.98 - 3.21 4.70	-1.46 - 61 1.12	3.29 3.20 2.08 3.80	78 -1.66 .10	7.63 2.61 6.52 2.08	3.34 2.43 -2.47	1.54 4.11 3.77 2.59	-2.31 -69 -2.42	7.53 4.52 2.22 3.37	4.16 -1.06 74	1.72	-1.82 -1.13 77	5.77 6.28 5.60 3.52 5.99	2.93 2.81 .50	1.32 3.00 I.42 .95 3.84	-1.71	6.23 4.35 4.10	1.19 2.58 .38	53.10	9.23 10.41 -5.00
JENKINS WATER WORKS R JEREMIAH KEENE 2 N KENTUCKY DAM LANCASTER ICE PLANT	3.42 4.43 5.73 8.47 5.48	.03	2.89 3.25 5.96 6.03 6.28	85 - - 2.83	3.73 5.78 5.59 4.10	85 - - -1.22	4.05 5.21 2.73 1.55 3.20	.33	2.50 3.12 3.54 3.10 2.85	-1.79 - - - -1.48	1.68 2.14 5.81 4.82 3.83	-3.00	3.77 4.48 7.00 3.34 3.91	3	3.34 8.12 7.25 3.19 3.33	83 - - 62	1.61 2.90 2.22 2.08 3.33	-1.04	4.23 2.87 6.22 3.68		2.71 3.47 2.44 .80 1.60	-		2.50		.39
LAURA LEITCEFIELD LEXINGTON WE AIRPORT LISERTY LITTLE 81CKMAN LOCK 8	4.81 7.85 5.55 5.97 4.85	2.98 1.37	4.43 6.22 5.86 7.98 6.39	2.71 2.24 3.12	3.49 5.88 5.06 4.43 4.99	1.06	3.45 2.25 3.34 4.07 3.81	-2.12 16 23	3.51 1.41 1.87 2.79 3.50	- 1	2.12 8.06 4.97 6.58 4.93	1.89 .92 .36	6.12 4.14 4.56 7.25 5.60	- 1	2.40 6.78 4.37 3.64 3.72	3.19 792 46	.79	-2.36	4.32 3.62 1.85 4.97 2.08	.46 74 62	2.15 1.36 2.53 2.31 1.81	-1.27	6.70		58.03 49.27	7.10 5.18 4.11
LOCKPORT LOCK 2 LOGLICK 1 S R// LONDON POST OFFICE R LOUISA LOCK 3 LOUISVILLE 80WMAR PLD F		2.48	4.59 5.55 3.75 3.88 4.14	1.72	4.98 3.20 4.65 3.00 4.87	.48 - -1,12	2.53 3.13 5.31 2.35 3.23	-1.69 - -1.03	1.78 5.27 3.61 3.04	-1.93 -1.03	8.83 1.78 2.22 3.48 5.14	2.09	1.55 5.80 5.15 2.87	1.23	5.68 4.00 - 2.54 6.03	1.80	1.35 2.69 2.00 1.26	-1.98 - 71	3.49 3.55 5.18 3.44 3.11	.87	1.41 1.82 1.05 1.37	-1.63	5.25 4.50 4.96	1.15	45.73 38.96	.93
LOUISVILLE STAN WB AP LOUISVILLE UPPER GAGE LOUISVILLE WB CITY R LOVELACEVILLE LUCAS R		3.10 - 2.78 6.47	4.08 4.08 4.04 6.42 8,93	.51 .49 2.52	5.65 8.34 5.72 7.30 5.28	1.26 - 1.33 1.88	3.07 2.87 3.93 1.19 3.82	81 .05 -3.58	3.14 2.33 2.70 3.28 2.41	58 -1.02 49	6.78 6.46 6.01 3.03 6.27	2.96 2.19 -1.43	2.78 2.12 3.22 3.01 4.03	- 40	3.47 4.27 7.86 4.02 4.02	.05 4.44 .44	1.64	-1.87 -1.50 56	3.33 3.49 3.49 8.11	.68 .84 4.58	1.56 .80 1.62 .83 1.52	-1.99	4.77	1.03	51.42	3.43 6.16 9.21
MADISONVILLE B MADISONVILLE 1 SE MAMMOTH CAVE PARK MANCHESTER MAYFIELD 2 S	8.10 8.82 5.02 8.72	- .82 2.01	8.01 3.82 7.35	3.89	6,27 6,79 5,49 4,86 8,01	48 17	1.64 4.02 5.22 2.41	75 -2.00	1.78 1.90 3.98 3.23	-1.83 88	8.47 8.95 2.25 3.82	4.55 11	2.97 3.50 4.97 3.29	81 59	8.22 5.00 3.60 2.71	.58	1.37 1.32 2.07 3.08	-2.32	8.66 6.12 4.23 7.71	3.52	3.18 2.46 .85	-	3.60	5.93		12.33

# TOTAL PRECIPITATION

Table 2-Continued

					KENTUCKY
1	AND	DEPARTURES	FROM	NORMAL	1949

	Janu	шагу	Febr	uary	Max	rch	Ap	ril	Ma	ny	ĵu	ne [	Ju	ly	Auç	rust	Septe	mber	Octo	ber	Nove	mber	Decen	nber	Ann	lau
Station	Precip	Departure	Ртестр	Departure	Ртестр	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Ртестр	Departure	Precip	Departure	Precip	Departure	Precap	Departure
WAYFIRLD SUBSTA MAYSVILLE DAM 33 MC KINNEYSBURG R/ MIDDLESBORO RR STA R	8.18 6.41 7.64 6.78	3.45	6.16 4.82 4.36 2.65 2.56	1.64	6.45 5.35 - 4.68	-1.16	2.57 3.74 4.35 4.22	.07	3.11 2.61 - 2.93	-1.17	3.76 6.69 4.09 2.13	1.70	2.97 3.63 4.07 7.60 6.67	R2 76	4.64 6.71 2.25 3.23	1.70	2.52 1.96 2.54	- 99 - 07	7.47 1 70 4 52 4.46	82	.77 2 20 1.61 2.02 1.92	86	5 27 5.12 4 50 5 27 4.67	1.60	46.94	3.36
MIDWAY 2 3 MILLERSBURO R/ MILLERSBURO R/ MONTICKLLO MOREHEAD ST TEACH C R	5.20 6.61 7.03	2.19	5.93 4.47 6.77 5.00 6.16		4.59 4.30 6.67 5.08	.62	3.55 3.44 1.83 4.60 4.64	.81	1.87 1.69 2.04 1.95 2.94	-1.54	6.21 3.05 6.06 4.51 2.10	.13	2.24 5.05 2.64 6.34 7.46	-2.27	6.37 6.77 6.27 3.90 3.31	08	1.86 1.75 .65 1.10 2.68	-1.75	4.35 8.20 2.86	6.01	3.10 3.52 1.26 1.65 3.74	1.87	5.67 6.30 5.47		52,65	
MOUNT STERLING MUNFORDVILLE MURRAY OLIVE HILL R OLNEY	4.77 6.11 5.93 9.28	.35 - 2.88 -	8.99 4.25	5.00	5.56 5.96 3.04 4.70	.41 .41	3.30 3.04 2.96 2.67	62 -1.02 -1.45	2.67 1.67 3.18 3.20 1.30	-1.46 -1.81 96 -	2.44 4.67 6.42 2.78 5.71	-2.19 .35 2.58	4.81 - 4.65 8.94 2.30	1.39	5.51 4.73 4.62	1.41	1.88 - 1.52 2.28 1.72	-1.14 -2.08	2,85 8.64 2.74	5.64	2.45 - 1.17 3.54 .70	97	4.69 9.00 6.24 5.57 7.05	.95 5 43 2 45	60.37	12.95
ONKONTA DAM 35 OWENSBORO OWENSBORO DAM 46 PADUCAH CAA PADUCAH NO 5 FIRK 5TA	7.17 6.44 8.42	5.79 4.11 4.26 6.71	3.53 4.69 4.58 5.86	.84 2.04 1.31 - 2.04	3.65 6,98 6.73 7.30	52 2.16 2.02 	2.65 3.07 2.97	94 91 78	1.51 1.55 2.13	-1.86 -2.33 -1.58	6.99 6.39 8.05 4.65	2.79 2.65 3.85 -	5.52 2.06 1.75 4.48	1.55 -1.24 -1.10 -1.06	5.36 6.14 6.73 - 3.65	1.79 2.82 3.35 -	2.42 5.64 5.78 1.88 4.52	54 2.48 2.60 -	1.35 7.18 7.59 6.81 5.70	60 4 .04 5 .10 80	.75 1.26 1.24 .79	-2.17 -2.01 -1.69 -3.15	3.42 6.23 6.41 5.09 5.08	44 2.83 3.68 1.49	44.72 60.03 62.17	4 57 16.62 21.00
PADUCAS SCS NURSERY B PAINTSVILLE PIEEVILLE PINEVILLE PLEASUREVILLE 2 S	9.90 4.70 4.33 6.36	.97	5.14 4.88 3.56 3.28 3.60	1.59	4.50 2.81 4.61 4.66	47 -1.41	1.89 4.00 4.66 8.01 2.32	1.08	(3.26 2.49 2.79 5.08 2.41	-1.11 98	4.84 3.51 3.45 3.68 8.86	71 68	6.72 8.37 5.79 7.79	3.46	3.75 1.59 3.51 2.78	-2.67 68	5.35 1.98 3.58 2.57 .45	-1.25 .70	5.29 3.72 4.06 4.28	1.74	.68 1.92 1.86 2.38	90	4.32 4.85 3.78 3.97	1.82	46.41 42.12 51.01	3.08 -1.55
PRINCETON 6AVENNA LOCK 15 RICHWOND TEACHES COL RUMSEY LOCK 2 RUSSELLVILLE	8.24 5.22 5.78 6.08 6.94	4.71 1.29 1.47 3.79 2.08	6.40 5.54 6.65 5.64 6.56	5.05 2.35 3.51 2.54 5.10	5.68 - 4.38 5.65 5.94	.72 21 .71 .99	1.38 - 3.42 2.62 4.29	-2.85 21 -1.55 07	3.86 2.80 5.91 1.55 4.22	26 -1.10 .22 -2.94 .27	6.66 1.73 3.33 4.76 9.59	-2.67 91 .89	1.47 4.22 5.59 4.52	-2.00 11 .59 .24	4.08 4.00 6.47 5.79	89 .14 2.76 2.65	4.68 .90 3.31	1.27 -1.98 .14	8,25 5,85 4,14 6,48 4,25	5.46 1.22 1.44 3.56 1.65	1.17 1.45 2.05 1.52	-2.50 -1.73 -1.05 -1.92	8.36 5.02 6.25 6.10	2.54 1.58 2.44 2.74	49.03 55.91	4.59 11.51
RUSSELLVILLE SUBSTA SADIEVILLE WATER WORKS ST JOHN BETHLEHEM ACAD ST MARY SALVISA LOCK 6	6.84 8.08 5.28	3.34	8.32 7.94 6.32	4.36	5.72 6.47 4.88	1.58	4.85 4.03 3.26 3.64	19 28	5.11 - 2.38 2.16 2.51	-1.71 -1.17	8.22 - 12.04 5.58 6.53	7,84 - 1.99	4.46 5.51 5.25 8.02	2.08	5.55 3.11 5.96 3.19 6.10	2.28	1.26 .98 1.62 2.20	-2.00 -1.01	5.25 2.80 5.14 2.83 2.45	2.22 23	1.16 1.95 2.30 1.45 2.57	-1.08	8.40 5.44 8.82 7.42 8.09	4.52	65.22 68.45 58.59	25.23 15.08
SALYERSVILLE R// SCIENCE 81LL SCOTTSVILLE SEBREE WATER WORKS SHELBYVILLE 2 W	4.85 5.81 8.34 9.81 7.89	1.58	4.68 6.40 6.52 4.70 4.82	2.74	4.27 4.19 6.07 5.25 5.76	57 83	3.83 4.42 5.51 2.57 2.79	.56	1.54 3.25 5.74 1.55 5.09	95 - 90	3.10 4.10 11.44 5.55 8.71	01 4.45	5.57 5.22 3.44 7.26 2.01	1.11	2.44 4.16 6.44 5.95 4.80	.06 - 1.28	1.77 1.40 .71 4.00 1.57	-1.79 -1.31	4.70 6.61 5.57 7.63 3.90	3.92	1.29 1.05 .92 1.16 2.04	- 1	4.77 4.83 7.06 5.32 6.27	1.07	40.61 51.54 65.56 60.53 53.45	5.51 8.28
SHEPHERDSVILLE SMITHFIELD 4 3 R SOMERSET SIWAY DEPT R SPRINGFIELD STEARNS R	7.95 5.77 5.62 6.89	2.24	4.28 4.95 6.75	3.56	5.67 5.55 4.40 4.97 5.16	52	3.80 4.43 5.92 6.57	09	3.30 1.54 2.21 - 2.72	-	7.31 6.51 8.31 4.07	4.06	5.75 .65 4.29 5.10	1.31	7.43 3.65 - 4.49	1	1.37 1.10 2.25 1.31 1.16	-1.24	4.55 5.58 1.88 5.31	.05	2.47 .89 1.85 1.94	-1.58	6.66 5.35 5.07 8.04 4.45	4.84		
SUMMES SHADE SUBSTA TATHAM SPRINGS R TAYLORSVILLE TOMPKINSVILLS R TOMPKINSVILLS TEL OFF	6.85 5.59 6.99 5.88	-	4.76 6.61 5.39 5.71 3.57	-	5.78 4.71 5.61 5.79 5.96		5.50 2.80 5.02		3.05 3.12 2.95 1.75	1	7.95 5.82 5.33 11.97 11.83		8.44 2.51 2.30 2.89	-	3.65 2.86 8.36 - 3.50	-	.35 1.26 1.26	1	6.87 2.76 3.71 5.65	-	.83 1.79 2.28 1.55		8.14 8.11 5.88 6.47 6.22	1	57.95 48.14 53.18	
TURKEY CRESK SCSOOL TYRONE LOCK 5 UNIONTOWN DAM 49 VALLEY VIKW LOCK 9 VANCEBURG DAM 32	7.46 9.64 6.47	5.70 2.58	8.76 6.18 3.86 6.28 4.06	2.89 1.03 3.01	6.20 4.63 8.47 - 3.87	.39 3.90 76	1.60 5.16 1.91 2.36	-1.10 -2.75 -1.50	5.99 2.03 2.69 3.82 2.88	-1.31	5.06 5.64 2.89 3.31 4.40	1.26	1.20 3.16 4.28 	96 .87 -2.33	6.01 5.98 6.24 7.77 3.33	.15 5.00 5.75 69	.92 1.61 5.72 1.18 1.29	-1.34 .00 -2.32 -1.30	6.22 2.33 6.41 1.66 1.48		1.63	-1.89 -1.78	5.32 7.41 5.05 6.48 4.97	5.75 2.27 2.80 1.67	56,20 58,24 40,27	13.90
WAYNESSURG 6 E WEST LIBERTY WATER WKS WILLIAMSBURG WILLIAMSTOWN WILLOW LOCK 13	6.07 4.97 5.47 7.27 5.42	1.17 3.39 1.13	7.10 4.65 2.16 4.21	- -1.72 1.31	4.24 3.17 4.53 5.55 3.21	- 30 1.09 -1.58	4.34 3.91 5.48 2.82	1.39 -1.03	3.28 4.07 1.46 1.18 3.29		3.96 4.80 4.03 8.67 4.68	2.76	2.76 2.66 5.20 2.86 8.18	92	3.31 2.19 4.14	-2.53 .43	1.43 1.58 1.62 1.17		4.37 3.38 4.22 2.35 2.59		1.86 1.19 2.14 1.22	-	3.95 3.87 5.23	- .14 .50 1.42	48.26 42.46 43.31	-5.80 1.14
WOLF CREEK DAM WOODSURY LOCK 4	7.31	2.45	4.35 6.75	3.26	5.54 7.13	2.06	4.31 2.54	-1.89	2.53 1.17	-2.49	7.24 4.62	.45	7.40 4.03	.40	3.43 2.29	-1.67	.52 1.21	-1.76	6.68	1.38	1.17	-2.57	5.31 7.88	4.18	55.79 50.42	3.80

#### 2

#### TEMPERATURE EXTREMES AND FREEZE DATA

Station	pest	Date	Lowest	Date	Lou	st spring minimu	m of	F	rst fall minimum	of		o. of days etween dates	
Station	High	Date	Lowest	Date	24° or below	28° or below	32° or below	32° or bslow	28° or below	24° or below	24° or below	28° or below	32° or below
ANCSORAGE ASHLAND DAM 29 SEAVER DAM SENHAM BEREA COLLEGE	95 99 97 - 97	7-9 7-6+ 7-29 - 6-11	5 11 0 11 9	2-2 1-30 2-1 12-24 12-16	3-20 (24°) 3-21 (22°) 3-19 (20°) 4-17 (22°) 3-19 (24°)	4-19 (28°) 4-18 (27°) 4-20 (28°) 4-20 (27°) 3-19 (24°)	4-20 (31°) 4-21 (31°) 4-25 (32°) 4-26 (32°) 4-20 (32°)	9-30 (30°) 11-6 (26°) 9-30 (31°) 11-4 (29°) 11-4 (32°)	11- 1 (25°) 11- 6 (26°) 11- 1 (26°) 11- 6 (23°) 11- 6 (26°)	11- 6 (23°) 12- 3 (22°) 11- 6 (24°) 11- 6 (23°) 11-22 (20°)	231 257 232 203 248	196 202 195 200 232	163 199 158 192 198
BOWLING GREEN WB AP SURGIN DIX DAM CAMPBELLSVILLE CORBIN COVINGTON WB AIRPORT	96 97 96 96 97	7-27+ 7-4 7-5+ 7-4+ 7-4	2 10 7 11 5	2-1 1-30 2-1 12-16 1-30	3-16 (20°) 3-16 (18°) 3-19 (23°) 3-16 (14°) 3-19 (19°)	3-19 (25°) 3-20 (27°) 4-19 (28°) 4-17 (27°) 3-20 (27°)	4-19 (30°) 4-20 (31°) 4-19 (28°) 4-19 (29°) 4-17 (30°)	11-1 (30°) 11-1 (32°) 9-30 (32°) 11-3 (32°) 11-1 (27°)	11- 3 (27°) 11- 6 (26°) 11- 4 (27°) 11- 5 (26°) 11- 1 (27°)	11-21 (24°) 11-22 (17°) 11- 6 (23°) 11- 6 (22°) 11-22 (19°)	250 251 232 235 248	229 231 199 202 226	196 195 164 198 198
DANVILLE FARMERS FORDS FERRY DAM 50 FRANKFORT LOCK 4 GREENSBURG	95 95 95 98 94	7-5+ 7-10 7-9 7-5+ 7-5+	9 7 9 7 5	1-30 12-16 1-30 2-1 2-1	3-19 (24°) 4-17 (23°) - 3-17 (17°) 3-17 (18°)	3-21 (27°) 4-20 (27°) - 3-21 (25°) 3-20 (25°)	4-17 (30°) 4-25 (31°) - 4-21 (32°)	11- 2 (32°) 10-23 (29°) 10-31 (29°) 11- 1 (31°) 9-30 (32°)	11- 6 (25°) 10-27 (27°) 11- 1 (28°) 11- 6 (25°) 11- 4 (27°)	11-22 (20°) 11-6 (19°) 11-21 (23°) 11-22 (22°) 11-6 (23°)	248 203 - 250 234	230 190 - 230 229	199 181 - 194
GREENVILLE 2 W HEADQUARTERS HEIDELBERG LOCK 14 HENDERSON 4 SW 8 INDMAN SETTLEMENT SCH	96  95 95 96	7-29 7-29 7-29+ 7-6	7 - 10 8 10	1-30	3-19 (22°) 3-21 (23°) 3-16 (21°) 4-17 (24°)	3-20 (28°) 	4-19 (29°) 	9-30 (31°) 9-24 (32°) 11- 2 (31°) 11- 1 (25°) 10-23 (22°)	11- 1 (26°) 11- 6 (24°) 11- 6 (22°) 11- 1 (25°) 11- 6 (21°)	11-22 (20°) 11- 6 (24°) 11- 6 (22°) 11-22 (18°) 11- 6 (21°)	248 - 230 251 203	226 	164 - 191 196 181
HOPKINSVILLE 2 E IRVINGTON LEITCHFIELD LEXINGTON WB AIRPORT LOUISVILLE STAN WB AP	95 95 94 95 97	6-29 6-4+ 7-9 7-4 7-28	0 7 7 9 9	2-1 1-30+ 1-30 2-1 1-30	3-19 (21°) 3-19 (23°) 3-19 (22°) 3-19 (24°) 3-16 (20°)	4-16 (28°) 3-20 (28°) 3-19 (22°) 3-20 (26°) 3-19 (27°)	4-19 (29°) 4-19 (30°) 4-19 (31°) 4-19 (30°) 3-20 (29°)	11- 1 (27°) 9-30 (31°) 11- 1 (30°) 11- 1 (30°) 11- 1 (30°)	11- 1 (27°) 11- 1 (27°) 11- 6 (27°) 11- 6 (27°) 11- 6 (26°)	11-22 (19°) 11-6 (24°) 11-22 (18°) 11-22 (19°) 11-22 (22°)	248 232 248 248 251	199 226 232 231 232	196 164 196 196 226
LOUISVILLE WB CITY LOVELACEVILLE MADISONVILLE 1 SE MAMMOTHE CAVE PARE MAYFIELD 2 S	94 95 95 96 -	7-3 7-4+ 6-29 7-10	10 7 9 4 4	1-30 1-30 1-30+ 2-1 1-30	3-16 (23°) 3-19 (23°) 3-19 (22°) 3-19 (20°) 3-19 (22°)	3-19 (27°) 4-19 (28°) 3-20 (27°) 4-20 (28°) 4-19 (28°)	3-20 (32°) 4-19 (28°) 4-20 (32°) 4-20 (28°) 4-19 (28°)	11- 1 (32°) 9-30 (31°) 11- 1 (26°) 9-30 (30°) 10-27 (32°)	11-22 (25°) 11- 1 (23°) 11- 1 (26°) 11- 4 (26°) 11- 1 (22°)	12- 9 (22°) 11- 1 (23°) 11- 6 (23°) 11- 6 (23°) 11- 1 (22°)	268 227 232 232 227	248 196 226 198 196	226 164 195 163 191
MAYSVILLE DAM 33 MIDDLESSORO MOUNT 5TERLING MURRAY OWENSSORO	96 97 100 95 98	7-5+ 7-5 7-4 7-8+ 7-29	8 15 13 2 5	2-1 3-16 2-2 2-1 2-1	3-30 (22°) 3-16 (15°) 3-19 (24°) 3-19 (24°)	4-18 (28°) 4-17 (25°) 4-17 (28°) 3-19 (24°)	4-26 (32°) 4-20 (30°) 4-20 (32°) 4-19 (31°) 4-19 (30°)	9-30 (32°) 11- 4 (27°) 11- 6 (28°) 9-30 (31°) 9-30 (32°)	11- 6 (25°) 11- 4 (27°) 11- 6 (28°) 11- 1 (25°) 11- 1 (25°)	11-23 (23°) 11- 6 (23°) 11-22 (22°) 11- 6 (24°) 11- 6 (24°)	248 235 248 232	202 201 203 227	157 198 200 164 164
PADUCAH NO 5 FIRE STA PADUCAH CAA PIKEYALLE PRINCETON RICHMOND TEACHERS COL	96 - 98 94 95	7-1+ - 7-9 5-6 7-5	17 9 9	7-16+ 1-30+ 1-30	3-16 (17°) 3-16 (17°) 3-19 (23°)	- 4-17 (27°) 4-19 (26°) 4-17 (25°)	- 4-25 (32°) 4-25 (32°) 4-25 (31°)	10-31 (25°) 10-31 (30°) 11- 5 (29°) 9-30 (30°) 11- 6 (27°)	10-31 (25°) 11- 1 (24°) 11- 6 (27°) 11- 1 (26°) 11- 6 (27°)	11-21 (20°) 11- 1 (24°) 11-22 (24°) 11-6 (23°) 11-22 (20°)	251 235 248	- 203 196 203	194 158 195
RUSSELLVILLE ST JOHN BETHLEHEM ACAD SCIENCE 8ILL SCOTTSVILLE SHELBYVILLE 2 W	97 94 96 97 96	7-5 7-5 7-8 7-28 7-5+	10 2 10 8 5	1-30+ 2-1 1-30 2-1 2-1	3-17 (20°) 3-20 (22°) 3-16 (15°) 3-19 (22°) 3-19 (23°)	3-20 (28°) 4-17 (28°) 4-19 (28°) 4-19 (27°) 4-17 (28°)	4-19 (32°) 4-19 (31°) 4-20 (31°) 4-20 (32°) 4-20 (30°)	11- 1 (29°) 9-30 (31°) 9-30 (31°) 9-30 (32°)	11- 4 (27°) 11- 4 (28°) 11- 4 (28°) 11- 1 (28°)	11- 6 (23°) 11- 6 (23°) 11- 6 (24°) 11- 6 (23°)	231 235 232 232	201 199 199 198	196 163 163 163
WEST LIBERTY WATER WKS WILLIAMSBURG WILLIAMSTOWN WOLF CREEK DAM	94 95 97	7-5+ 7-5+ 7-29	11 6 13	1-30 1-30 2-1	3-19 (24°) 3-19 (20°) 3-16 (18°)	4-17 (27°) 3-20 (25°) 3-20 (28°)	4-25 (32°) 4-17 (30°) 4-21 (32°)	11-2 (27°) 10-27 (32°) 11-1 (32°)	11- 2 (27°) 11- 1 (27°) 11- 3 (28°)	11-7 (24°) 11-22 (18°) 11-22 (22°)	223 248 251	199 226 228	191 193 194

## TOTAL EVAPORATION AND WIND MOVEMENT

EVAP 3.918	5.920 6.04 8	7,37	5.04	3.93	1.98	1.60		
	5.920 6.04 8	7.37	5.04	3 93	1 00	1 00		1
DEP						1.00	-	1 1
WIND .				-	-			
WIND	312 215	274	221	-	-	667	-	1
EVAP .801B 1.624B 3.0068 4.185	5.960 6.37B	6.27B	4.91	4.47	2.588	1.84	-	
DEP		- 1	-	-	-	-	- 1	1 1
				-				

#### REFERENCE NOTES

nation otherwise indicated, discontional units used to this bulletis are: Temporature in \*7; precipitation and evaporation is inches, and rind sovement is miles. Praymoration is secsured in the standard Weather Sureau type pan of 4 foot dissector unless otherwise shown by foot note following fable 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of Climatological Data.

_	No record.
4	Also later dates or months.
+ // B E	Gage is squipped with a windshield.
B	Adjusted to full month.
E	Water equivalent of snowfall wholly
-	or partially estimated, using a
	ratio of 1 inch water equivalent to
	every 10 inches of new snowfall.
M	1 to 10 days' record missing; eee
	monthly Climatological Data for de-
	tailed daily record.
p	Less than one-half day.
R	Station equipped with a recording
	gage only.
T	Trace, an amount too small to measure
٧	Includes total for previous month.

The subscription price for thie bullstin ie 13 cente per copy or \$1.50 a year. (Yearly subscription includes the annual cummary). Correspondence regarding subscriptions about he addressed to Weather Records Processing Center, 1300 U. S. Court Bouse, Chicago 4, Illinois).

# STATION INDEX

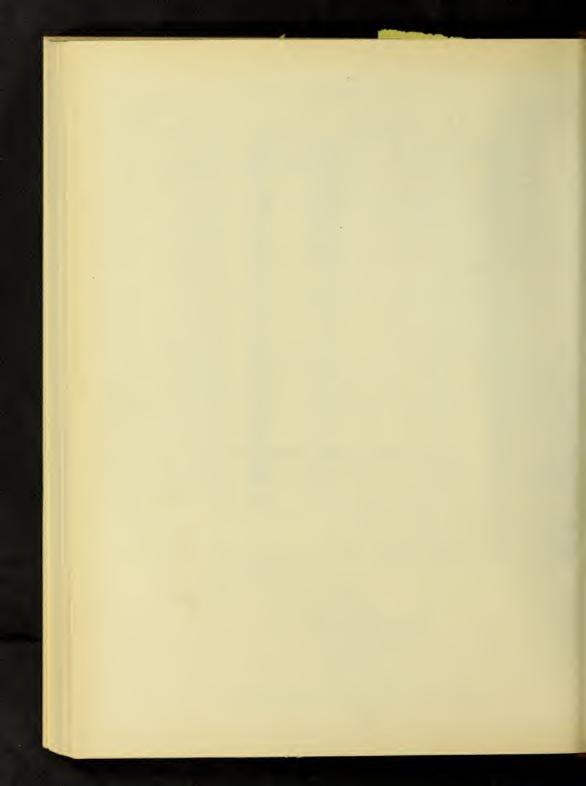
Years of Opened

Station	Index No.	County	Drainage:		Longitude	Elevation	Temp.	Precap.	duri	Month Month	t. Rei	0	Station	Index No.	County	Drainage:	Latitude	Longitude	Elevation	dille	Precip pro	Month durin penedo		Refer to tables
ADDISON DAW 45 ADOLPHUN I R ALLEN ANN HERRAGE ASSN. AMP		NUMBERS OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF T	7 37 3 38 1 37 7 38 1 37	39 1 35 6 16 3	16 34 18 16 12 43 15 33 12 28	3N0 600 650 700 1100	51	22 10 10 52 10			2 2 2 2 1 2 3	9	LOCKPONT LOCE 2 LOGLICE I 5 LONDON POST OFFICE LOUISA LOCE 3 LOUISVILLE BOWNAN FIELD	4882 4893 4843 4951	HEMEY CLAME LAUNEL LA WREM: E JEFFEESON	4 2 1 7	37 ON 38 O7 38 13	84 58 84 02 84 03 82 37 85 40	4N5 1250 584 858		40 8 46 16			2 2 2 2 2
ASICLAND DAW 29 RAEBOUTH LLE WATER WORES RAEDSTURN BASS 3 SR DAXTER MARLAR WATER WORES	0354 0381 0388 0438	BOYD	7 3E 2 38 E 37 3 37 2 38		52 36 53 53 55 28 55 10 53 20	534 1000 637	36	37 4 10 9		PER	1 2 3	3	LOUISVILLE STAN WE AP LOUISVILLE UPPEN GAGE LOUISVILLE WE CITY LOVELACEVILLE LUCAS	4955 4958 4967 5002	JEFFEESON JEFFEESON JEFFEESON BALLARD BARREN	6 3	36 53	85 44 85 48 85 48 85 45 88 50 86 02	488 403 457 479	1N 76 22	77 24 8			1 2 3 2 1 2 3 1 2 3 2
BEAVER DAE BESTAM HESTON 1 ST BESTAM COLLEGE BESTAM WATER FORES	0595 0611 0619	ONIO HAELAN MAENHALL MADISOE MADISON	3 37 2 36 9 36 4 37 4 37	34 8	66 52 62 57 68 21 64 16 64 16	441 I5NO 380 1070 1100	42 4 48	4			1 2 3 1 2 3 2 1 2 3		MADISONVILLE SE MADISONVILLE I SE MADISONVILLE I SE MAREOTH CAVE PARK EANCHESTEE MATFIELD SUB STATION MATFIELD 2 S	5087 5097 5110 5230	HOPEINS EDMONSON CLAY CRAVES	3 4 6	37 II 37 09 36 44	67 30 87 29 88 08 83 48 88 39	400 435 800 450 384	18		MAN	YES	2 2 3 2 3 2 3 2 3
SOSTON 2 3V BOWLING GREER BOWLING GREEN SURSTA BOWLING GREEN WE AP GRENT DAE 36	0904 0907 0909	WELSOE WARREN WARREN RAEREN CAMPUELL	8 37 3 37 3 37 3 36 7 39		35 42 36 26 36 26 36 26 34 25	430 538 470 535 489	6N,	25 68 25	JAM	JAP	2 2 2 1 2 3 2	3	MAYFIELD 2 8 MAYSVILLE OAM 33 MC EINNEYSSURG MIDDLESOORO EIDDLESOORO EE STATION EIDWAY 2 5	5243 5301 -389 -394	MASON ENDELTON ELL ELL	3 2	36 36 36 37 36 39	88 38 83 42 84 18 83 43	364 524 610 1128 1130	38 54 53	37 53 9 58 8			2 3 2 3 2 3 2
BEOWNSVILLE LOCE 8 BURGIN 018 DAM MURMSIDE CADIZ LOCE E CAMPRELLSVILLE	1127 1156 1206	EDMONTSON EEECEE PULASBI TRIGG TAYLOR	3 37 4 37 2 36 2 36 3 37	12 6 46 6 59 8 46 8 20 8	36 18 34 43 34 37 37 38 35 21	410 770 705 424 777	5	33 65 5			1 2 3 2 2 1 2 3		EILLERSBURG EILLERSTOWN EONTICELLO MOREHEAD STA TEACH COL	5430 5438 5324 5555	WOOGFORD SOURION GRAYSON WAYNE ROWAN	5 3 2 5	38 07 38 18 37 27 36 50 38 11	84 42 84 09 66 03 84 51 83 28	580 910 770		8 9 9 13 7			2 2 2 2 2
CARROLLTOE LOCE 1 CENTRAL CITY 1 E CLINTON COLLEGE HILL LOCE 11 COLUMNIA	1439 1631 1704	CARROLL MUIDENREEG SICKMAN WADISON ADAIR	4 36	41 8	35 11 37 07 39 00 34 06 35 18	4R0 440 729		46 41 10			2 2 2 2 2 2		EOUNT STEELING WUNFORDVILLE WUNFAY OLIVE BILL OLNEY	5684 5694 6012 6020	MONTGOMERY HART CALLOWAY CARTER NOPEINS	9 7 7	38 03 37 16 36 38 38 18 37 13		380	24	80 22 24 5 8			1 2 3 2 1 3 3 2 2 2
CONSTANTINE CORBIN CAA CORBIE WATEN WORES COVINGTON WB AIRPORT CYNTHIANA	1801 1806 1855	BRECEINTIDGS WHITLEY WHITLEY KENTON HARRISON	3 37 2 36 2 36 7 39 5 36	40 8 58 8 57 8 04 8 23 8	86 14 84 08 84 06 84 40 84 18	800 1170 1070 869 684	6	9 6 10 3 33			1 2 3 1 2 3 1 2 3		ONEONTA OAE 35 OVENSBORD OWENSBORD DAE 46 PADUCAH CAA AIRPORT PADUCAH NO 5 FIRE STATION	6091 6096 6112 6115	CAMPBELL DAVIESS DAVIESS MC CRACKEN MC CRACKEN	7 7 7 7	38 58 37 46 37 47 37 04 37 05	84 18 87 09 87 06 88 48 88 37	497 420 404 410	54	28 53 21			1 2 3 2 1 2 3 1 2 3
DANYILLE OAVELLA OELPHIA DEMA DUNDEE BARRETTS FORD SR	2053	BOYLE MARTIN PERRY ENOTT 0810	4 37 1 37 4 37 1 37 3 37	39 8	34 46 32 32 R3 07 32 48 36 43	955 1200 850 430	17	41 9 10 10			1 2 3 2 2 2 2 2	3	PAOUCAH SCS NURSERY PAINTSVILLE PIKEVILLE PINEVILLE PLEASUREVILLE 2 8	6136 6353 6384 6435	MC CRACKEN JOHNSON PIEE BELL SHELDY	1 2 4	37 29 36 45 38 20	88 35 82 48 82 31 83 42 85 07	620 686 998 882	14	17 45 9 8			2 2 1 2 3 2 2
OUNDOE DUNNVILLE EDBONTON ELIZABETHTOWN	2374 2445 2469	MUHLEMBERG CASEY LYON METCALFE HARDIN	3 37 3 37 2 37 3 37 3 37	05 8 13 8 07 8 4 8	87 00 84 58 88 05 85 37 85 52	610 420		10 10 7			2 2 2 2 2		PRINCETON RAVENNA LOCE 12 RAYNICE RICHWORD E STATE COLLEGE RUMSEY LOCE 2	6679 6691 6805 7039	CALDWELL ESTILL MARIOE MADIGON EC LEAN	4 8 4 3	37 33 37 44 37 32	87 53 83 57 85 26 84 18 87 16	384	58	51 33 8 62 32		WAR	1 2 3 2 2 1 2 3 2
FALMOUTE FARMERS FLEMINGSBURG FLEMINGSBURG POST OFFICE FORD LOCE 10	2903	PENDLETON ROWAN FLEWING FLEWING CLARE	5 38 5 38 5 38 5 38 4 37		84 20 83 33 83 43 83 44 84 15	600 668 870 750 593	44	6.8 45 24 3			1 2 3	3	RUSSELLVILLE SUB STATION SADIEVILLE WATER WORKS ST JOHN SETFLEHEN ACADEMY ST MARY	7054 7074 7091 7096	LOGAN LOGAN SCOTT HARDIN MARION	3 4 8 8	38 23 37 42 37 35	86 53 86 54 84 32 85 59 85 21	590 576 890 777 730		6 53	JAN		2 3 2 2 3 2 2 3 2
FORDS FERRY DAW 50 FRANKFORT LOCE 4 FRANKLIN WATER MORES FRENCHBURG 1 SW GEORGETOWN WATER WORES	302E 3036 3052	CRITTENDEN FRANKLIN SIMPSON MENIFEE SCOTT	7 37 4 38 3 36 5 37 4 38	13 8 43 8 57 6	8 06 4 52 6 34 3 39 4 33	356 504 691 880	3 66	22 68 6			1 2 3 1 2 3 2 2 2	3	SALVISA LOCK 6 SALVERSVILLE SCIEMCE SILL SCOTTSVILLE SEBREE WATER WORKS	7129 7202 1215 7234	MERCER MAGOFFIN PULASEI ALLEN WEBSTER GREEN	5 2 3 3	37 36	84 49 83 04 84 39 86 12 87 32	520 900 1065 770 360	6 3	37 11 6 3 9			2 2 2 3 2 3 2
GEST LOCK 3 GLASGOW GODMAN AFBU FT ENOX GRANT DAM 38 GRAYSON	3241 3280 3358	HENRY BARREN EARDIN BOONE CARTER	4 38 3 37 7 37 7 38 7 38	00 6 54 8	14 53 15 40 15 58 14 49 12 57	490 780 506 589	18	41 21 25 16			2 2 2 2 2		SHEEDYVILLE 2 W SHEPHERDSVILLE SMITHFIELD 4 S SOMERSET BIWAY DEPT SPRINGFIELD	7334 7473 1507 7604	SHELBY BULLITT HENRY PULASEI WASHINGTON	8 8 2 6	37 41	85 16 85 44 85 16 84 35 85 14	825 450 862 873 738	59	61 7 8 8	JAN		2 3 2 2 2 2 2 2 2
GREENSBURG GREENSBURG RIWAT 61 BR GREENVILLE 2 W BALLETS MILL	3435 3443 3451	GREEN GREEN GREENUP MUHLENBERG CHRISTIAN	3 37 3 37 7 38 3 37 3 37	15 8 37 8 12 8	15 30 15 30 12 51 17 12 17 20	581 540 519 740	57 34	63 31 34 8			1 2 3		STEARNS SUMMER SHADE SUB STATION TATEAU SPRINGS TAYLORSVILLE TOMPEINSVILLE	7924 7948 8060	MC CREARY METCALFE WASHINGTON SPENCER MONROE	3 8 8 3	37 52 38 02 36 42	84 29 85 40 65 09 85 29 85 41	1420 469 899		9	JAN		2 2 2 2 2 2 2
EARTFORD 6 N BAZARD MEADQUARTERS EXIDELISES LOCE 14 HENDERSON 4 SW	3722	PERRY NICHOLAS	3 37 4 37 5 38 4 37 7 37	15 8 24 8 33 8	96 54 13 12 34 07 13 46 37 37	540 669 860 663 382	5 17 28	12 28 9 35 36			2 1 2 3 1 2 3 1 2 3	3 3 3	TOMPKINSVILLE TEL OFF TURKEY CREEK SCHOOL TYROME LOCK 5 UNIONTOWN DAM 49 VALLEY VIEW LOCK 9	B144 B179 B197 B246	MONROE TRIGG ANDERSON UNION CLAY	9 4 7 4	37 51	85 41 88 05 84 51 87 57 84 26	899 350 524 357 571		8 32 21 37	JAN		2 2 2 2 2
BICKSVILLE BIGB BRIDGE LOCE 7 61RDMAR SETTLEMENT SCHOOL BODGENVILLE RAT PARK	3798 3821 3837 3899	CHRISTIAN GRAVES JESSAMINE ENOTT LARUE	2 36 9 36 4 37 4 37 3 37	44 8	37 34 38 30 34 43 32 59 35 44	440		48		JAP	2 2 1 2 3	3	VARCEBURG DAM 32 WATHESBURG 6 E WEST LIBERTY WATER NORES NILLIAMSBURG NILLIAMSBURG	8486 8551 8706 8714	LEWIS LINCOLN MORGAN NBITLEY GRANT	5 2 5	38 38 37 22 37 55 36 44 38 38	83 21 84 34 83 15 84 10 84 34	939 943	53 47	36 8 62 47			2 2 1 2 3 1 2 3 1 2 3
HOPKINSVILLE 2 E SYDEE IRVINGTON JACESON JENEURS	3994 4093 4165 419=	CHRISTIAN LESLIE BRECKENRIDGE BREATBITT LETCHER	2 36 4 37 3 37 4 37 1 37	52 8 10 8 53 8	37 27 33 22 36 17 33 23	524 850 646 776 1600	54	54 10 53 32		oct	1 2 3 1 2 3 2 2 2 2		WILLON LOCK 13 NOLF CREEK GAM NOODBURY LOCK 4	8724 8807 8824	LEE RUSSELL BUTLER	3	37 36 36 53 37 11	83 50 85 08 86 38	646 610 504	2	31 2 53			1 2 3 4
JENKINS WATER WORES JERRHIAS EKSHES 2 N EKNTUCET DAM LANCASTER ICE PLANT	425 4369 4414	LETCHER LETCHER JESSAMINE LIVINGSTON GARRARD	1 37 4 37 4 37 9 37 4 37	10 8 11 8 5 8 0 8 37 8	82 56 84 38 88 16	1600 1150 950 362 1032		6 10 9 12 25			2 2 2 2 2 2													
LAURA LEITCHFIELD LEXIMOTON WE AIRPORT LIBERTY LITTLE BICKMAN LOCE 8	4701 474	MARTIN GRAYSON FAYETTE CASEY JESSAMINE	1 37 3 37 4 38 3 37 4 37	49 1 28 1 09 1	82 26 86 18 84 36 84 55 84 35	635 979 560	55 70	10 55 71 9 40			1 2 3 1 2 3 2 2	3 3												

CHANGE OF NAMES

† Benton Foresty Benton 188 prior to March.
† Central City Foresty Central City 1 Foresty Elizabethtown
† Middlesboro El Station Foresty Middlesboro (ily Mail prior to August.

See reference notes following Table 4.



Mat. Hest. Lit.

# U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief

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AUG 25 1950

# CLIMATOLOGICAL DATA

KENTUCKY

JANUARY 1950 Volume XLV No. 1



#### KENTUCKY - JANUARY 1950

O. K. Anderson, Section Director - Louisville

#### Weather Summary

January was a record breaking month climatically. The temperature average was the highest in 61 years and precipitation the second highest. It was marked with numerous thunderstorms, high winds, flooding, and ice storms. Very little outdoor activity took place and crops showed shormal growth during the month.

The unseasonable warmth of December continued into January. Daily mean temperatures were generally higher than the average except for a few days during the month. Exceptionally warm days occurred during the periods of the 1st through the 15th, and 21st through the 25th. During these periods, daily mean temperatures were as much as 10 to 25 degrees above normal. The highest daily temperature for the month was reported generally on either the 25th or 26th with the lowest reading on the 7th in the western section, and on the 20th in the central and eastern divisions. Each section of the state had plus departures from the normal. The mean temperature for the state was 45,4°, which is 9.5° above normal for the month. The anothly mean temperature ranged from 49.9° at \*Alliamsburg to 40.8° at \*Williamsburg to 40.8° at Williamsburg to 60.8° a

Precipitation, likewise, was well above normal, extending the trend of December. Rainfall was unequally distributed with the progression of larger amounts going from the east and west towards the center of the state. Amounts were generally heavy and frequent, and, in most sections, excessive. Snowfall was much below the January normal with the average amount being the second lowest on record. All sections recorded plus departures from the normal in precipitation. The average precipitation for the state was 12,82 inches which is 8,30 inches above normal of January. The total amounts recorded at various stations ranged from 17.76 inches at Hodgenville National Park to 5.67 inches at Jenkins Water Works. The heaviest rainfall reported in any one day was 3,70 inches at Middlesboro on the 30th. The monthly average of snowfall was 0,1 inch or 4,0 inches less than normal. The greatest monthly amount was 2,0 inches at Lovelaceville, Owensboro, and Sebree Water Works. The greatest depth on the ground was 2 inches at owensboro on the 5th addyville Lock F and Rumsey Lock 2 on the 6th. This was the second wettest January on record (since 1889), being surpassed only in 1937.

The weather conditions were generally favorable for growth of winter crops, which grew somewhat too rapidly because of the warnth. However, since plants were well established, damage from freezing was very small. Some freeze damage was reported to peach buds in the southwest. Although grasses furnished some pasturage, stock feeding continued mostly heavy. The soil was much too wet for outdoor activities and as a result little or no plowing was taking place. There was still a little stripping and marketing of late tobacco, but these activities were practically completed at the end of the month. Other farm activities were confined to maintenance of equipment and structures and other indoor chores usually taking place at this time of the year.

Sleet and ice storms covered most of Kentucky from the 4th through the 7th. Trees were broken and electric and telephone wires were snapped. The greatest damage was to utility services and transportation. Yery little damage was reported to cross.

Considerable flooding of lowlands occurred during the month, especially in the western portion with some soil erosion in the entire state. Heavy rainfall over the state resulted in flood stages over most the area. Stages on the Green River from Brownsville to Livermore were the highest since the 1937 flood. According to the U. S. Geological Survey, floods in the Salt River Basin approached or exceeded the highest during the period of record, although not exceeding known maximum floods. Water discharged from its tribut\_ries at the western end of the state produced shiph flood in the lower Ohio River. At Paducah, the Ohio River created at 52 feet on January 20, and at the end of the month had receded only 1 foot. At Louisville, the Ohio River was above flood stage from the 8th through the 20th. Additional tributary floods at the end of the month started the Ohio River rising again with creats expected to exceed those of January. The principal damage of these high waters was to dwellings.

#### ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this hulletin series contains records from Hydroclimatic Network Stations which were forestly reproduced in the Hydroclic Bulletin the Network Stations which were forestly reproduced in the Hydroclic Bulletin the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation. To the planning of flood control and related works by the Corps of Engineers. This Entwork, now numbering should be controlled to the control of the control and related works by the Corps of Engineers. This Entwork, now numbering should be controlled to the control of the

Previous to the introduction of this bulletin series, data from Epdroclimatic Network mixtions were remained to the bulletin series, data from Epdroclimatic Network mixtions were remained to the bulleting the states, but since the Network was established to seet the internal requirements of the Faderal agencies referred to above, no provision was made for agencies and to certain public repositories. A list of locations where researce copies of the Hydrolic Bulletin Series are available for image of the state of the first Series are available for image to any the obtained upon application to Chief, U.S. Weather Bursau, Washington 25, D.C.

Hany other records published in this hullstin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

#### SUPPLEMENTAL DATA

KENTUCKY

	Wind	direction		Wind	speed p. h		Rolats	ve hum	idity ave	rages		Numl	per of da	ys with	precipi	itation			Deed	
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	1.30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Trace	6010.	10-49	50-99	1.00-1 99	200 and over	Total	Percent of possible sunshine	Average sky cover sunnee to su	Degree days
LEXINGTON WE AIRPORT	S	22	15.4	-	-	-	84	84	77	84	2	5	4	3	8	1	23	-	8.5	654
LOUISVILLE WB AIRPORT	SSE	18	10,6	50	8	3	77	82	72	79	1	3	7	8	4	0	21	33	8,6	630
									į											

#### COMPARATIVE DATA

able 1								CCI	1 / 111	1111	V L D.	CILLI								
	Т	emperatu	IL0	Pı	recipitatio	on		Te	emperatu	10	Pı	ecipitatio	on		Te	mperatu	re	Pr	recipitatio	on
Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more
1889 1890 1891 1892 1893	38.0 44.0 37.0 29.0 26.0	65 77 68 65 67	13 10 14 - 6 -22	3.52 6.43 5.40 2.72 2.08	-	-	1914 1915 1916 1917 1918	39.4 33.0 41.2 36.7 20,6	79 65 78 74 62	5 0 - 5 -17 -20	2.31 5.03 7.27 6.38 5.09	1.0 7.0 3.7 12.0 23.3	6 13 14 12 14	1939 1940 1941 1942 1943	40.4 21.1 36.7 32.7 37.9	74 61 66 70 82	11 -20 0 -23 - 1	5.56 1.67 2.53 2.93 1.54	2.1 8.6 0.2 4.7 6.8	11 10 9 8 7
1894 1895 1896 1897 1898	38.0 30.0 36.1 32.0 40.4	78 78 74 75 72	-12 -16 - 3 -16 6	2.91 5.71 1.25 3.25 8.76	- - 4,2 1,4	11 6 8 12	1919 1920 1921 1922 1923	37.9 33.4 39.7 34.6 41.0	68 72 71 67 68	- 1 - 6 12 1	3.62 6.75 3.06 2.25 6.11	1.6 0.7 4.0 1.1 <u>T</u>	7 10 10 8 12	1944 1945 1946 1947 1948	37.7 31.8 36.9 40.3 26.8	75 60 76 74 72	0 - 3 - 1 3 -21	1.60 4.05 4.02 6.04 3.18	1.5 4.9 1.7 2.2 12.3	6 12 11 13 11
1899 1900 1901 1902 1903	34.4 37.2 36.7 33.7 34.8	68 77 75 70 82	-18 - 8 4 5 - 9	6.23 2.80 1.85 5.14 2.50	8.5 0.9 0.8 2.3 2.8	11 8 7 7 9	1924 1925 1926 1927 1928	31.3 35.8 34.4 35.8 35.0	66 66 69 76 76	- 8 - 9 -11 - 3 - 8	5.05 2.60 4.01 6.33 2.47	1.2 4.1 7.1 2.2 1.9	9 10 10 12 8	1949 1950 Period	43.0 45.4 35.9	80 80	4 12	6.86 12.82 4.52	2.2 0.1 4.0	16
1904 1905 1906 1907 1908	32.3 27.5 39.7 43.2 35.0	70 70 80 83 62	- 9 -15 - 9 -11 7	3.17 2.83 3.48 8.02 2.20	2.5 12.8 3.1 4.8 1.1	10 11 8 14 8	1929 1930 1931 1932 1933	34.8 34.6 37.7 44.9 43.9	76 75 72 80 74	- 6 -20 - 9 <u>14</u> 10	4.54 4.85 1.23 8.13 5.18	1.8 3.8 2.3 0.2 0.1	13 13 6 14 12							
1909 1910 1911 1912 1913	38.3 33.8 39.7 25.9 42.5	77 70 73 61 76	- 8 -20 -16 -20 13	3.47 4.41 2.88 3.09 11.41	5.7 11.0 4.4 11.7 1.4	9 10 11 8 14	1934 1935 1936 1937 1938	40.4 37.3 29.4 43.6 35.9	72 71 68 76 72	- 3 - 2 -25 13 - 4	1.85 5.28 2.99 15.77 3.56	0.2 3.4 6.2 2.0 1.6	8 9 11 17 9							

Table 2						111111			01011	.11 1021	***					J	ANUARY	1950
				Temperat	ure								recipitatio	n				
		-					No. of	Days		78			Snow	, Sleet, Ha	il	No	of Day	
Station	Āverage	Departure from Normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
WESTERN DIVISION																		
BEAVER DAM FORDS FERRY DAM 50 GREENVILLE 2 W HENDERSON 4 SW BOPKINSVILLE 2 E	45,4M 44.8M 43.3 45,6	9.1 8.7 7.0 8.1	76 75 75	26 25 25	20 18 18 19	8 7 7 7	0 0 0	17 17 19 17	13.75 14.02 12.31 16.37 11.25	9.57 9.46 7.80 12.43 7.05	1.60 2.56 1.75 3.60 1.83	26 4 26 4 3	T T O T			20 22 18 20 18	13 15 12 13	8 4 4 6
LOVELACEVILLE MADISONVILLE 1 SE MATFIELD 2 S MURRAY OWENSBORO	44.1 44.0 43.4 46.2	7.2 6.7 8.4	77 77 75 75	25 25 25 25 25	14 16 13 15	7 7 7 7	0 0 0	19 17 19 18	14.15 11.94 11.27 13.95 15.99	9.47 6.56 3.73 11.66	2.24 1.58 1.38 2.06 2.38	4 3 2 10 4	2.0 T T 2.0	T 1 2	5 5	17 20 19 19 24	15 14 12 15	6 3 3 5 7
PADUCAH CAA PADUCAH NO 5 FIRE STA PRINCETON RUSSELLVILLE	44.1 44.6M 45.6	8.1 9.4	75 78 75	25 24 26	18 12 21	5+ 7 7	0 0	17	14.13 12.47 10.08 14.81	8.10 5.55 9.95	2.47 2.00 1.60 1.91	4 3 26 4	1.0 .5 1.5 0	1	5+	18 20 22 23	12 12	6 4 3 7
DIVISION	44.6								13.32				0.5					
CENTRAL DIVISION											4 00		0			21	14	6
ANCBORAGE BOWLING GREEN WB AP BURGIN DIX DAW CAMPBELLSVILLE DANVILLE	43.2 45.8 47.3 44.2M 45.1	9.9 8.2 10.5 9.9	77 76 78 69 77	25 25 25 25 26	17 22 19 19	20 7 20 20+ 20+	0 0 0	19 15 14 16 17	12.35 15.41 14.62 12.57 15.25	8.42 10.42 10.61 10.74	1.32 1.74 2.05 1.69 2.19	4 5 31 5 31	T 0 0 T			20 19 21 20	15 14 13 13	5 7 6 7
FRANKFORT LOCK 4 GREENSBURG IRVINGTON LEITCHFIELD LEXINGTON WB AIRPORT	44.1 45.5 43.8 44.8 43.7	9.0 9.9 8.3 9.2 10.8	77 77 75 75 76	26 26 25 25 25 25	19 20 20 20 20 18	20+ 20 8+ 7+ 20	0 0 0 0	21 19 16 15 15	12.07 14.10 13.85 15.78 16.65	7.95 9.17 9.63 10.89 12.47	1.35 1.75 1.88 2.04 2.18	5+ 5 12 3 5	0 0 0 T T			22 18 22 21 21	15 16 14 16 13	3 5 4 8 9
LOUISVILLE STAN WB LOUISVILLE WB CITY MAMMOTH CAVE PARK ST JOHN BETHLEHEM A SCIENCE BILL	44.6 44.3 43.4 42.5 47.6	11.2 9.9 10.3 8.6 12.2	77 75 78 74 75	25 25 24+ 26 25	21 23 18 20 20	20 20 8 8+ 20	0 0 0 0	18 18 14 20 11	11.38 11.84 16.44 16.39 13.67	7.38 7.84 10.64 11.65 9.42	1.36 1.33 2.37 1.90 2.67	15 4+ 31 3 31	T T O O			20 20 18 20 21	13 13 17 17 14	4 4 6 7 5
SCOTTSVILLE SHELBYVILLE 2 W WILLIAMSTOWN WOLF CREEK DAM	47.9 42.2 40.8 48.7	8.5 7.7	77 77 75 78	25 26 26 26	19 18 12 22	8 20 20+ 8+	0 0 0	9 20 20 10	16.18 12.94 10.27 13.78	8.56 6.39	2.87 1.55 1.35 2.15	5 5 6 5	0 0 0			21 22 23 19	16 16 16 15	5 4 1 4
DIVISION	44.7								13.98				т					
EASTERN DIVISION																18	11	3
ASHLAND DAM 29 BENHAM BEREA COLLEGE CORBIN CAA FARMERS	44.2 48.1 46.7 47.2 44.0	8.4 10.0 8.9	80 75 75 75 78	26 25+ 25 25 26	16 18 18 19 13	21 8+ 20 20 20+	0 0 0 0	19 13 13 13 19	8.76 9.30 12.55 11.03 12.18	4.77 7.85 7.87	1.39 2.55 2.53 2.08 2.14	.5 31 5 5 31	T O T			20 29 22 21	14 12	3 4 4
HEADQUARTERS HEIDELBERG LOCK 14 BINDMAN SETTLEMENT MANCHESTER MAYSVILLE DAM 33	44.6M 48.3 45.8	12.6	75 77 75 77 78	25 25 26 25 26	16 18 18	20 20 20 20 20+	0 0 0 0	9 16 18	12.87 11.09 8.09 11.62 11.74	6,58	2.00 2.00 1.25 1.93 1.48	5 5 31 13 5	T 0 0 0 T			20 19 19 15 23	12 11 12 13	2 2 4 4
MIDDLESBORO MODNT STERLING PIKEVILLE RICHMOND TEACHERS COLLEGE WEST LIBERTY WATER	49.8 46.8 49.8 45.5	11.7 13.4 12.9 9.6	74 76 79 75	25 25 25 26	21 18 21 18	8 20 20 20 20	0 0 0 0	7 13 10 16	11.36 14.51 5.98 14.26 12.56	6.93 10.09 2.35 9.95	3.70 2.73 1.04 2.62 2.31	30 31 31 31 31 31	0 0 0 0			21 21 20 19 19	9 16 13	3 1 4 4
WILLIAMSBURG	49.9	11.5	75	24+	21	20	0	8	10.66	6.36	1.71	6	0			16	14	3
DIVISION	46.7								11.16				Т					
STATE	45.4	9.5							12.82	8,30			0.1					

DAILY PRECIPITATIO
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able 3	DAILY PRECIPITATION SHIPTON TARBURY 1950
Station	Day of month    2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
LLEN NCKORAOK SHCAMP SHLAND DAM 29	T 55 1.14 1.55 77 1.34 .55 45 .70 7.5 1.55 .55 .50 .50 .70 .77 .55 .55 .50 .50 .77 .56 .56 .56 .57 .57 .57 .57 .57 .57 .57 .57 .57 .57
ARBOURVILLE WATEN WE R ARPSTOWN AVTER MARLAN WIR WES R NAWER DAM BNHAM	R 14 26 00 02 1 65 76 10 50 48 20 34 50 08 1.20
NTON RILL COLLEGE Z REA WATER WORES DSTON 2 SW DWLING ONEN	N * 2.31 1.41 58 .59 .29 .49 * 1.71 .60 .03 .19 * 0.4 2.00 .03 .07 .67 76 11.93 T 16 .31 .71 .00 2.55 1.60 .60 .60 .60 .60 .60 .60 .60 .60 .60
DWLING ONSEN SUBSTA DWLING ONSEN WB AP 2 RENT DAM 36 ROWNSYILLE LOCK 6 JRGIN OIX DAM	* 81.125 .151.27 .46 .40
JRNSIDE LOIZ LOCK E MPBELLSVILLE LROLLTON LOCK 1 Z ANTRAL CITY R	32 42 07 182 102 86 0.0 17 07 76 73 76 13 15 0.0 10 1 5 0 0 12 2 0 0 12 1 10 11 10 12 1 10 1 1 10 1 1 1 1
INTON R DILEGE HILL LOCK 11 DILEGE HILL LOCK 11 DILEGE DESTANTINE R RBIN CAA	74 71 2.00 .96 50 .11 .38 70 .82 1.05 22 .10 .02 .06 .93 .97 2.06 12.86 .41 .35 .611.61 1.85 .72 19 1.54 .24 1.02 .46 .90 .40 .42 1.0 1.0 1.09 .80 2.40 14.81 8 1.08 .82 .98 1.00 .28 .356 .67 .18 .78 .07 .06 1.82 .98 1.00 .28 .356 .67 .18 .78 .07 .66 1.82 .98 1.00 .28 .35 .81 .27 1.03 .78 .78 .78 .78 .78 .78 .78 .78 .78 .78
RBIN WATER WORES NTHIANA NVILLE VELLA R LPBIA	.20 .10 .30 .10 .40 .70 .10 1.00 2.00 1.00 8.30
MA NOFE BARRETTS FRO 8 R NWOR NWYILLE NOTVILLE LOCK F	R .10 .40 .10 .20 .15 1.13 .23 .48 .53 .49 .58 .15 .88 .74 .10 .46 .37 1.48 5.85 .30 .47 .10 .46 .37 1.48 5.85 .30 .47 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10
WONTON R 12ABFTETOWN LMOUTE RMFRS EMINGSSURG	T 35 1.86 .27 1.25 1.10 .44 1.10 .42 1.15 1.59 .70 1.1 .68 .03 .30 .05 .06 .10 .05 .26 1.27 1.6 .57 1.50 1.5.32 1.3 .64 .47 1.30 1.22 .40 .40 .00 .12 .52 .31 .39 .56 .10 .01 .01 .05 .6 .37 .14 .11 .60 .00 .53 .73 .58 6 .17 .37 .54 1.74 .66 .32 .31 .30 .18 .66 .30 .01 1.00 T .15 .03 T .05 .06 .7 .80 .00 .63 .73 .58 .86 .30 .01 .100 T .15 .03 T .05 .06 .7 .80 .04 .62 2.14 12.18 .08 .09 .65 .37 .38 .58 .50 .50 .50 .50 .50 .50 .50 .50 .50 .50
EMINGSBURG POST OFF R RO LOCK 10 RDS FERRY DAM 50 2 ANDFORT LOCK 4 AMELIN WATER WORKS Z	27 . 57 . 34 1. 84 1. 30 . 57 . 46 . 37 . 55 1. 14 . 50 . 07 . 55 . 1. 5 . 03 . 01 . 06 . 05 . 97 . 04 1. 13 2. 33 1. 80 2 2 50 4. 17 2. 56 1. 12 . 40 . 06 . 81 7 . 65 1. 17 . 9. 53 . 41 . 88 . 05 . 01 7 . 01 . 16 . 60 . 39 . 01 . 72 . 73 14. 02 . 17 . 66 . 43 1. 35 1. 21 . 72 . 60 . 74 . 32 . 85 . 32 . 37 . 72 . 16 7 . 03 . 06 . 13 T . 09 1. 35 . 13 . 88 . 97 12. 07 2 1. 50 1. 21 7 1. 50 2. 00 . 12 . 14 . 50 . 70 . 33 . 33 . 72 . 30 . T . 1. 11 7 . 25 2. 33 14. 81
ORGETOWN WATER WORK ST LOCK 3 Z ASGOW ANT DAW 38 AYSON	.08 .08 .99 .10 1.68 1.77 .38 .73 1.54 .48 1.07 .48 .00 .87 .34 .48 .00 .10 7.0 .00 .00 .00 .00 .10 7.0 .10 7.0 .10 .10 7.0 .1
REENSBURG REENSBORG BIWAY 61 8 REENUP DAM 30 REENVILLE 2 W REENVILLE R	25 .85 .13 1.75 1.55 .40 .60 .80 .60 1.00 .50 .95 .50 .10 .25 T 7 1.15 .90 1.70 14.10 .20 .73 .11 1.75 1.85 .40 .41 .44 1.06 .47 T .67 .46 .21 T 1.16 T .83 1.72 1.78 .44 .10 .47 .48 .10 .47 .67 .48 .10 .47 .10 .48 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10
RTFORD 6 N ZARO Z ENDQUARTERS EIOELBERG LOCK 14 Z ENDERSON 4 SW	. 15. 27 1.00 .90 2.00 1.33
	R 1.06 1.57 .07 .59 * 1.08
PKINSVILLE 2 E DEN VINGTON CKSON WKINS R	* 1.00 1.83 22 59 .85
NEINS WATER WORKS REMIA8 EME 2 N HTUCKY DAM NCASTER ICE PLANT	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
URA ITCHFIELD XINGION WB AIRPORT Z BERTY Z FILE HICKMAN LOCK 8 Z	30 14 36 41 60 0 05 55 22 20 1.00 55 3 6 38 13 90 55 1.14 7.86 38 (36 0.0 1.34 11.2 30 1.10 35 1.68 1.25 80 1.0 60 35 5 1.7 7 80 0.3 15 1.15 1.57 15 15 15 15 15 15 15 15 15 15 15 15 15
CEPORT LOCE 2 GLICK 1 S //R NDON POST OFFICE R OISA LOCE 3 Z UISVILLE BOWMAN FLO R	2.6 (8.0 (8.1.91 1.10 1.45 4.5 4.5 1.15 1.15 1.00 1.15 1
OISVILLE STAN W 8 A Z HOISVILLE UPPER GAGE OISVILLE WD CITY R WYLACEVILLE ICAS R	2 16, 67, 46, 1.28, 81, 67
OISONVILLE 1 SE MMOTS CAVE PARK NCHESTER TFIELO SUBSTA TFIELD 2 S	28 09 1.58 68 1.27 53 28 88 72 1.56 68 13 0.55 59 00 .05 36 1.15 1.84 50 1.01 6.84 43 2.30 7.75 1.91 1.31 4.5 47 82 61 .06 T 1.35 47 7.55 3.27 16.44 10.35 T 1.10 1.50 .50 1.18 1.93 .54 65 60 .68 T 1.4 .50 T 60 1.50 11.62 1.22 271.67 7.92 1.30 31 81 4.9 .68 .90 .88 1.6 1.0 .52 64 1.51 1.76 12.98
TSVILLE DAM 33 Z ENNETSSURG //R COOLESSORO COOLESSORO RR STA R DWAY 2 S	2 12 64 36 1.46 1.42 92 45 52 05 63 39 06 1.30 09 03 T 01 06 15 15 1.69 04 87 92 11.74 10 10 15 6 - 276 04 87 82 222 2 2 21 10 10 10 15 15 1.09 04 87 92 11.74 10 10 16 15 15 10 10 10 10 10 10 10 10 10 10 10 10 10
LLERSBURG //R LLERSTOWN NTICELLO REHEAO STA TEACH CO R UNT STERLING	76 1.78
INFORDVILLE Z HERAY LIVE BILL R LNEY REDNTA DAW 35	1.0 · .50 .10 2.18 1.28 · .50 · .10 2.18 1.28 · .50 · .10 2.18 1.28 · .50 · .02 · .22 · .23 · .20 · .28 1.00 · .10

#### DAILY PRECIPITATION

KENTUCKY JANUARY 1950

Out.															Day	of m	onth															Total
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	19
OWENSBORO OWENSBORO DAM 46 2 PADDCAH CAA PADDCAH NO 5 FIRE STA PADDCAH SCS NUNSERY R	.19	1.70	1.20	2.39 2.47 1.83	1.37		.17 .17		T .12	.89 .87 1.37 .91	.12	1.17	2.03 7 2.35 8 .83 1 1.40 2 .75	.45	. 42	.73	.02	.02 .04 .04 .07	. 07 T		т	.02 .05 T .02	.05	.09	т	.62 .53 1.41 .65	.83	T . 02	.01 T .23	.24 .91	.72 .81 .72	15.99 15.79 14.13 12.47 13.77
PAINTSVILLE PIKEVILLE PINEVILLE PLESVIEW PLESVIEW PRINCETON	. 55	. 44	.14	1.30	.17	.25	.60 .29 .58	.15	.16	T T .05		.0:	. 51	.20	. 37	. 52	. 42	.23 .01 .16	. 29 . 84 . 78	. 04		.15	T T .08			1,60	.76 .10 .82 1.20	.61	T .09	1.41	1.69	10.84 5.98 9.64 10.08
RAVENNA LOCK 12 BICHMOND TEACBERS COL BUXSEY LOCK 2 RUSSELLVILLE RUSSELLVILLE SUBSTA	.06	.45	1.42	2.0 1.9	1.27	.65 1.29 .72 1.21 1.42	.55 .47 .10 .10			.30 .74 1.20 1.30	. 13	.71	1.45	5 .38 1 .56	.0€	. 56		.40 .30 .20 .92	.08			.01	.09 T	.07 .09 .05		.09	.83 1.10 1.17 1.45 1.23	T	T .03	.93 .41	1.57	14.26 12.94 14.81 14.55
SADIEVILLE WATER WORE R ST JOHN BETHLEHEM ACA ST MARY SALVISA LOCK 6 SALVISA LOCK 6 SALVERSVILLE //R	.16 .10 .20 .01	. 29	1.90	.9	1,83	1.07 1.82				1.32 1.56 1.44 1.14	. 62	1.8	1 .70	9 .72 0 .62	. 79	. 8	. 04	.30 .29	. 05			.05 T .05	Т	T .05		1.61	1.52		.07	1.98	1.27 .98 2.05	10.74 16.39 16.43 16.16 10.81
SCIENCE HILL SCOTTSVILLE SEBREE WATER WORKS SBELBYVILLE 2 W SHEPHERDSVILLE	.12 1.07 .29	. 50	. 41 5 1.02 8 1.30	1.8	2.87	1.32 .99 1.02 1.22 .88	.02 .04 .35		. 02	1.14 1.75 .75 .95		.4	5 1.7	8 .33 2 .04 2 .47	. 42		т	1.00 .93 .05 .22 .14	. 19			.10 .14 .03 .07	.09	.21		.36 .66 1.31 .23	. 31	.01 T	.42 .11 .19 .15	.57	2,50 .89 .70	13.67 16.18 15.15 12.94 12.11
SMITHFIELD 4 S R SOMERSET HIWAY DEPT R SPRINGFIELD STEARNS R SUMMER SHADE SUBSTA	. 33	. 50	1.35	. 8	2.11	.74 .91 1.41 1.58 1.60			. 03	1.35 1.10 1.01 .95	.31	.7 .6 1.2 .6	4 .9: 3 1.0: 2 .4:	5 .10 5 .60 0 .12	. 33	.15			.12			.05	.05 T	.05			.03 1.41 .13	.10	. 57	1.01	1.61 2.13 1.38	12.48 13.54 16.22 9.88 15.84
TATHAM SPRINGS R TAYLORSVILLE TOMPKINSVILLE TOMPKINSVILLE TEL OFF TURKEY CREEK SCHOOL	. 65	. 20	1.33	1.10	2.25	1.75		-	.02	1.15 1.09 .37	1.3		1.1	9 .85	. 77	. 71	.57	.20 .7B .41	.07	5	-	.06	.08			. 61	.02 1.17 .01 .72		. 35	1.47	1.59	13.11 14.43
TYRONE LOCK 5 UNIONTOWN DAW 49 VALLEY VIEW LOCK 9 VANCEBURG DAW 32 WAYNESBURG 6 E	.24	. 14	1.12	2.7	1.32 5 2.00 5 1.47	1.54 2 .45 1.54 7 1.49 5 .85	. 88			.96 1.25 .36	.04	9 .4	6 .6	0 .65 5 1.15 5 .31	. 45	. 81 . 54 1.76 . 88		.15 .25 .05	.05 .04	1		T T T	.05 T .06	.03	ř	1.25	1.35 1.15 1.15 1.15			1.26	.48 5 2.30 5 1.02	5 14.50 8 12.68 0 15.48 2 10.06 0 13.97
WEST LIHERTY WATER WK WILLIAMSBURG WILLIAMSTOWN WILLOW LOCK 13 WOLF CREEK DAM Z	Т	.3:	3 .33 7 .70 1 .21	3 .3	5 .70 B 2.04	.52 7 1.71 9 1.35 8 .96 5 1.17	. 67			.05 .05 .51 T	20	5 .1 8 .2		7 5 .34	.30			.25 .28 .10 .47	. 80	i L		.02 .01	T	. 57		2 . 28	.99 .90 3 .81 .81	3.3	. 01	1.10	1.50 6 .68 6 2.10	1 12.56 0 10.66 8 10.27 0 11.40 6 13.78
WOODBURY LOCK 4 Z	.06		0 2.10			.88				1.25		.6			1.1			.46				. 02		. 0:	5	. 45	1.5	•	.1			3 14.24 1 13.00

					-	-		-		-				-		-									-	
Station						A.N	4 Hou	r endi	ag									P. N	M Hou	r endi	ng					Total
Diation		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	8	6	7	8	9	10	11	12	10
	_		_			=	=	_					-ls	st-											=	
DDISON OAM 45 DOLPHUS 1 N ARBOURVILLE WATER WKS AKTER HARLAN WATER WKS KENTON 1 SW KERGA COLLEGE	数							. 04	.07	. 08	.08	.03	.03	.05	.02	.18	.05	.02	.14	.01	.02	.02	٠		.02	.36 .88 .14 .09
OWLING GREEN WE AP ARROLLTON LOCK 1 ENTRAL CITY LINTON	12.		.01	.01	.15	.01	.05	.03	.09	.13	.09	.08	.05	. 14	.07	.07 .01 .02	. 01	. 01	. 01						. 01	.82 .09 .44 .70
ORSTANTINE ORBIN CAA AVELLA	8			٠	٠	٠	•	. 06	.07	.02	.04	.01	.01	.01	.03	.06	. 05	.01	:	:	.07	:	:	:	:	.53
DMONTON LEMINGSHURG POST OFF ORDS FERRY DAM 50 RANKLIN WATER WORKS			.01				. 20	.02	.02	.01	.01	.09	.10	.10	.08	. 07	.02	.10	.06	.01	. 04				. 01	.80 .13 .27
MEST LOCK 3 MALEYS MILL MAZARD	//					. 01	. 02	.05	.01	.13	.09	.04	. 06	.02	.25 .01 .01	01	.02	. 01	.01	.05					. 01	. 23
EIDELBERG LOCK 14 ERNDON ODGENVILLE NAT PARK ENKINS	1/1						. 13	. 13	.26	.16	.01 .05 .02	.08	.03	.04	.01	.01	.03 .10	.02 .03 .02 .01	.06			. 04			.01	.19 1.06 .30 .07
ENTUCKY DAM EXINGTON WB AIRPORT HERTY ATTLE HICKMAN LOCK 8	//			.02	.07	.12	.03	.07	.02	.01 .02 .01	.11 .04 .03	.04	.07		.01	.01	.01	.01	.01	. 01	.01	. 01			. 01	.41 .21 .13
OGLICK 1 S ONDON POST OFFICE	//						. 01	. 01		.01	.01	.11	.04	.04	.01	.01 .02 .05	.03	.02	.01			. 01	,01		. 01	. 20 . 26 . 15 . 17 . 22
OUISVILLE BOWMAN FLD OUISVILLE STAN W E AP OUISVILLE WB CITY UCAS ADISONVILLE 1 SE								.05	.06 .06 .05	.04 .01 .03	.01 .01 .02 .10	.03 .02 .04	.02 .01 .01	.05	.03 .02 .01	.02 .02 .01	.01		,03	. 04				. 01	. 01	.22 .16 .23 .82
MYSVILLE OAM 33 C KINNEYSBURG	//	-	-		-	-	-	-	-	-	-	-	-	.01	.01	.02	.01	.01	.01	.02	-	-	-	01	. 01	. 03
ILLERSHURG OREHEAD STA TEACH COL UNFORDVILLE								.01	.02	.03		.07	.03		.01	.04	.03	.02	.02		. 01					.14 .12 .11 .32
LIVE BILL WENSBORO OAM 46 ADUCAH CAA ADUCAH SCS NURSERY IKEVILLE	6	٠	.01		.03	.05	.08	.11	.10	.02	.01	.01	.01	.02	.10	. 02	.01	. 01	.01		. 03	. 06				.37
UMSEY LOCE 2 ADJEVILLE WATER WORKS T MARYS COLLEGE		.01					. 04	.12	.23	.07	.02	.01 .02 .01		.02	.03	. 02	.11	. 01	.01	. 01		. 06	. 01	. 01	.01	.13 .53 .16
ALYERSVILLE MITHFIELD 4 S OMERSET HIWAY OEPT TEARNS ATHAM SPRINGS	//							.01	.03	.12	. 07	.03	.01 .02 .08	.05 .01 .01	.05	.06 .03 .02	.01	.02	. 03	.02	.05	. 03		. 01	.01	.16 .20 .30 .33 .28
OMPKINSVILLE NIONTOWN OAM 49 OLF CREEK OAM	//			. 02	. 05	.08	.14	.15	. 03	.15	.05	.04	.06	.03	.04	.15	.01	.03	.02	.07	.01		.01			.28 .65 .44 .37
OOOBURY LOCK 4					.01		. 01	.02	. 06	. 03	.11	.05	-2	d-	.05	.02	,									.50
DOISON DAM 45 DOLPHUS 1 N ARBOURVILLE WATER WES AXTER HARLAN WATER WES EREA COLLEGE OWLING GREEN WB AP	//	.02	.01		.02	.01	. 02	.02 .01 .03	.01 .02 .03	.01	.01	.02	. 20	.09	.08	.01	.09	.02 .03 .04	.06 .06	.02	.06	.01	.04	, 06	.01	.65 .66 .26
EREA COLLEGE OWLING GREEN WB AP ARROLLTON LOCK 1 ENTRAL CITY	//	.02	.03		.02		.07	.03		.03 .01 .01	.03 .01 .01	.03	.02 .07 .14	.01 .03 .11	. 24	.16	.03	.02 .02 .05	. 02	.08	. 06	.01 .02 .12	.02 .05	.01	.08	1.09
ENTRAL CITY LINTON ONSTANTINE ORBIN CAA AVELLA	6		*	:	:	:	:	. 14	.03	.20	.03		.29 .17 1.44	.33	.07	.01	.01	.01	.16	.01	.06	.08	.04	.10	.07	.35 1.29 1.57 1.68
AVELLA UNDER BARRETTS FORD BR DMONTON 'LEMINGSHURG POST OFF 'ORDS FERRY DAM 50		•	.01	.01		.02	. 03		.01	.01	.01	.01	.01	.01 .18 .09	.15	.01 .06 .11	.02 .01 .14 .06	.01 .10	.02	.05	.01	.01	.21 .20 .02	.02	.05	.40 1.22 .92
ORDS FERRY DAM 50 RANKLIN WATER WORKS EST LOCK 3 ALEYS MILL		. 01	.02	. 01					.02	.06	.14	.33	.12 .08 .03	.14 .06 .12 .02	.01 .24 .05	.01 .14 .14	.02	.01	.06	.01 .08 .01	.05 .03 .01	.05	.03	.01	.05 .04 .12 .03	1.00 1.17 .47 1.78
AZARD EIDELBERG LOCK 14 ERNDON ODGENVILLE NAT PARK	//	.01						. 02	.01	.01	.01	.01 .27 .01	.02	.02 .18 .20	.09	. 05	.05	.01	.01	.11	.09	.09	.01		.03	1.57
ENEINS ENTUCEY OAM EXINGTON WB AIRPORT		.01				. 02		.04	.01	.30	.29	.11	.18	.02	.01	.04	06	.05	.13	.01	. 03	.06	.03	.02	15	1.09 .09 1.32 .47 .58
JHERTY JITTLE HICKMAN LOCK 8 JOGLICK 1 S ONDON POST OFFICE JOUISA LOCK 3 OUISVILLE BOWMAN FLD OUISVILLE STAN W H AP JULYSVILLE WE CITY	//	.01	.01				.02	. 03			. 05	.05	.01	.11	. 05	.03	.08	.03	.01		. 01	.01	.09	.01	.02 .09 .01	.58 .22 .16 .39
ADUISA LOCK 3 ADUISVILLE BOWMAN PLD ADUISVILLE STAN W H AP ADUISVILLE WB CITY		.02	.01			.02		. 01			.01	.04		.01 .09 .11	.20	.07	.07	.01	.04			.05	.01	.07	.03	.67
MADISONVILLE 1 SE MAYSVILLE OAM 33	//	.01				.05			.02	.01	.10	.27	.02	.09	.11	.04	.06	.02 .01 .11	.02	.04	.03	. 21	.04	.03	.03	.59 .86 1.05 .38
HODLESBORO RR STA HILLERSBURG OREHEAD STA TEACH COL UNFORDVILLE	′′	.06		.02	.02	. 01	.02	.03	.09	. 05	.03	.02	.04	.01 .05	.03	.04	.02	.01	.02	.04	.01	.02		. 03	.05	. 49
DLIVE HILL DENSBORO OAM 46 PADUCAH CAA PADUCAH SCS NURSERY	6	.01	.01				.02			.06	.02	.18	.09	.10	.14 .05 .03 1.30	.26	.02		.05	.07	.01 .01 .15	.10	.08	.08	.02	1.37 .21 .69
		.01	.01					. 01	.18	.14	.24	.36 .15	.16 .15 .02	.06	05	.01	.03	.01 .01 .04	.03	.17 .03 .02 .02	.03	.02	.02	.01	.01	1.44 .04 .72 .51
NUMSEY LOCK 2 BADIEVILLE WATER WORKS BAT MARYS COLLEGE BALTERSVILLE	//				.01	. 01				.01	. 01			.01	.05	.10	.13	.01	, 01	.02	.01	. 04	.02	.12	.12	.64

See reference notes following Station Index.  $\label{eq:condition} - \ 7 \ -$ 

Table 4-Continued							110	UI.	LI	FIL	ECI	LII	AI.		1										-	
Station						A. 2	M. Hou	ır endi	ng									P. N	f. Hou	r endi	ag					Total
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	To
SMITHFIELD 4 S 80MERSET HIWAY DEPT TATEAN SPBINGS TOMPKINSVILLE UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4	//	.01	.02	. 01	. 01	.01	.17 .01 .01	.01	.01 .02 .03 .02 .01 .05	.01 .01 .12 .01	.02 .08 .11 .03	.10 .01 .24	.01	.02 .01 .01 .01 .28	.21 .06 .03 .02 .30	.16 .01 .08 .10	.02 .04 .06 .10	.03 .07 .04 .01 .04	.01 .02 .05	.06 .02 .04	.01 .02 .02	.02 .01 .02 .13 .11	.11 .03 .06 .08 .14 .18	.01 .14 .01 .01 .02 .01	.09 .04 .19 .01	.78 .50 .70 .86 .96 .64 1.66
BARBOURVILLE WATER WKS BAXTER HARLAN WATER WKS	//	.01	.01	. 07	.02	.12	.28	.15	. 03	.02		.01	<b>-</b> 3	a-	. 01								.11	.09	. 06	.96 .05 .05 2.51
BEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1 CENTRAL CITY CLINTON CONSTANTINE	//	.06 .05 .04	.05 .07 .03 .10	.02 .01 .06 .03 .01	.02 .12 .01	.04 .06 .20 .01	.01 .13 .12 .10	.02 .06 .04 .01	.07 .10 .05 .03 .02	.14 .12 .01	.07	.02			٠											.55 .18 .64 .64 .31
CORBIN CAA DAVELLA DINDEE BARRETTS FORD BE	6	.04	.03	.08	.15	.37	.19	. 03	.01 .02 .07	.01 .02 .05	.01	.01	.06	.01	.02			.01		. 01						. 26 . 94 . 34 . 56
EDMONTON PLEMINGSBURG POST OFF FORDS FERRY DAM 50 FORNKLIN WATER WORKS GEST LOCK 3		.10 .03 .02	.06	.04	.02	.42	.07	.05	.11 .01 .02	.11	.10		٠	٠	٠	•	٠	*	•	٠	٠		•	*	•	
HALEYS MILL	//	.02 .04 .04 .01	.01	.31 .01 .01 .02	.02	.01	.12	.10	. 06	. 05	.08			.01	.01										.01	.05 .50 .56 .06 .26 .07 .95 .05 .40 .87 .41
JENEINS EENTUCKY DAM LEXINGTON WB AIRPOBT	//	.06	.17 .03 .10 .05 .03	.03 .02 .05 .05 .04	.03 .05 .04	.05	.03	.14	.15	15 .17 .08	02						. 04							.04		.05 .40 .87 .41
LIBERTY LITTLE SICKMAN LOCK 8 LOGLICK 1 S LONDON POST OFFICE LOUISVALLE BOWMAN FLD LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY	//	.08	.01	.02	.10 .09 .02	.01	.24 .07 .05 .10	.06 .04 .15 .17	.06 .15 .08	.01	.01 .05 .04 .02	. 04	.06													.45 .17 .69 .44 .46 .44 .08 .54 .57 .54 .19 .65
MADISONVILLE 1 8E MAYSVILLE DAM 33	//	.04 .04 .01 .03 .02	.01 .09 .10	.03	.01 .18 .08	.02	.06 .04 .02	.05 .02 .03 .02	.17 .03 .02 .12	. 05 . 01 . 08 . 05	.08	.02		.01	. 01	.02										.44 .08 .54 .57
MIDDLESBORO RR STA MILLERSBURG MOREHEAD STA TEACH COL MUNFORDVILLE OLIVE BILL		.07 .05 .02 .02 .02	.05 .15 .06 .04 .04	.02 .03 .02 .10	.08 .02 .01 .02 .02 .03	.01 .06 .02	.12 .03 .01 .06	.04 .07 .20 .05	.02 .13 .31 .02	.10 .15	.08	.02 .01	. 01									.17	.26	.12	. 20	. 65 . 94 . 45 . 73 1 . 35
OWENSBOBO DAM 46 PADUCAH CAA PADUCAH SCS NURSERY PIKEVILLE RUMSEY LOCK 2 RADIKYILLE WATER WORKS	6	,01	.04	.25	.18	.04	.08	.07	.02	. 02	.01		. 01			.02	•	*	*	•	. 05	•	.17	.01	.15	.78
PIREVILLE RUMSEY LOCK 2 SADIEVILLE WATER WOBES ST MARYS COLLEGE SALTERSVILLE SMITHFIELD 4 S SOMERSET BIWAY DEPT TATHAM SPRINGS	//	.01 .07 .15 .05	.06 .14 .01 .03	.01 .08 .07 .02	.01	.01 .26 .01 .05	.13 .15 .01 .11	.06	.08 .01 .18 .04	.05 .04 .04	.03 .01 .02	.10	. 04	. 01												1.16 .55 .98 .40 .66 .15 .83 .05
TOMPKINSVILLE UNIONTOWN DAM 49 WOODBURY LOCK 4	//	.02	.07	.01	.01	.13		. 03	.02	. 01			-4	th-	.01	. 01				.30	.43	. 11	.12	.31	.18	1.68
ADDISON DAM 45	//	. 04	. 07	.14	.39	.24	.10	.10	. 13	.09	.08	.12	.07	.02	.02	.03	.03	. 04	. 09	.16	. 02	. 05	.20	.15	. 07	1.71
ADOLPHUS 1 N BARBOURVILLE WATER WKS BAXTEB HARLAN WATER WKS BENTON 1 SW BEREA COLLEGE	//	.03	. 01			.20	.40	.08		.06		. 08	.01	.05	. 01	.03	.03	.04	. 01	.13	.05	. 04	.02	.01	.01 .01 .01	.01 .05 1.41 1.02
BOWLING GREEN WB AP CARROLLTON LOCK 1 CENTRAL CITY CLINTON CONSTANTINE CORBIN CAA	6		.04	. 03	. 05	.16	.05	.11	.02 .28 .02	.07 .07 .10	.05	.03 .02 .02 .09	. 03 . 05 . 06 . 04	.07 .06 .07	. 05 . 04 . 05 . 07 . 07	.05 .05 .11 .08 .06	.05 .03 .05 .06	.12 .05 .02 .04	. 03 . 03 . 04 . 06	. 06 . 03 . 05 . 04	.01 .05 .01	.03	.05	.17 .13 .01 .01 .07	.40 .03 .01 .02 .01	1.41 1.02 .83 .90 1.07 1.99
DAVELLA DUNDEE BARRETTS FORD BR EDMONTON PLEMINGSBURG POST OFF FRANKLIN WATER WORKS			.01			.09				. 11	.01	.07 .01 .07 .06	.03 .02 .08 .01	.09	.02 .06 .04 .03	.05 .08 .06	.05 .07 .04 .06	.03 .01 .09 .02	.04 .12 .11 .03	.28 .06 .13	.03 .10 .05	.02 .01 .09 .01	.01 .11 .06 .17	.12 .08 .11 .03	.01 .02 .17 .15 .01 .13	.02 1.29 1.01 1.16 .72 1.10
GEST LOCK 3 HALEYS MILL HAZARD HEIDELBERG LOCK 14 HERNDON BODGENVILLE NAT PARK	<b>//</b>		.01	. 03	.03	.01	. 20	.03		.06	.09	.02	.03	.06	.02 .01 .04 .07	.03	.07	.07	.03	.02	. 02	.01	.02	.17	.07	.75
KENTUCKT DAW LEXINGTON WB AIBPORT	<b>//</b>		.02		.40	.60	.09	.04	.07		.10	.08	.01	.03 .02 .05 .03 .04	.07	.08	.17 .04 .09 .02 .03	.04 .11 .01	.09 .05 .02 .05	.10 .05 .18 .07	.03 .01 .14 .19 .15	.01 .04 .04 .11	.02 .04 .17 .03 .02	.13 .05 .15 .18 .19 .21 .07	.12 .21 .11 .25 .11	.96 1.89 1.38 1.06 .90 .86 .30
LIBERTY LITTLE BICKMAN LOCK 8 LOGLICK 1 8 LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWMAN PLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY LUCAS		. 05	. 01 . 01 . 01	.09	.18	.20	. 07	.06	.10	.13	.05	.08 .07 .06	. 07	.05	.03 .03 .04	.03	.02 .05 .08 .06	. 03 . 02 . 04 . 03	.02 .03 .02 .12	.01 .01 .03 .17	. 04	.01	.01	.01 .01 .02	.01	1.28
MADISONVILLE 1 SE MAYSVILLE DAM 33 MC EINNEYSBURG MIDDLESBORG RR STA MILLERSBURG MOREHEAD STA TEACH COL	//			*		*	*		*	.01	.07	.03	.08	.04 .05 .01	.07 .05	.04 .02 .05	. 05	.06	.06	.07	.08	.02	.05 -02 .02 .04	.07	.05 .01 .14	.71 .06 1.08 .95
MURSHAD SIN ISACH COD MUNPORDVILLE OLIVE HILL OWENSBORO DAM 46 PADUCAH CAA PADUCAH SCS NURSERY	8	* * * * * * * * * * * * * * * * * * * *	* .48	. 20	* * *	* * .26	*	* * * * * * * * * * * * * * * * * * * *	* 1.24 .02	*	* * * * * * * * * * * * * * * * * * * *	* * * .07	* * * . 03		* .46 .10	* * * .09	:	* * * .05	.05	*	.60		.06 *	.03	:	2.56
BUMSEY LOCK 2		.12	.10	.09	.84	. 54	.13	3 .23	.11	. 05	5011081	. 64	. 02	.03	.03	. 03	.04		. 01	.03	.02	.04			.02	2.29

KENTUCKY JANUARY 1950

Station					АМ	Hour on	ding									PA	d Hou	r endi	ng					
	1	2	3	4	5	6 7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DIEVILLE TATER WORKS MARKS COLLEGE MARKS COLLEGE STRUCKS ST	.11	01 R 19	.39	.22	.36	03 .0 07 .0	5 07	.10	08 06 03 .10	06 01 .04 .19 .01	.04 .03 01 .10 .06 07 .02	.07 03 .05 06 .04 .06 .07	.05 .02 .04 .04 .05 .02 .11 .05	.05 .03 .08 .06 .05 .02	.08 .08 .08 .06 .09	.04 18 .01 .02 .10	01 02 .03 .04 .05 .08	.02 .11 .03 .02 .27 .08	.09 .12 .07 .05 .05	.04 .02 .05 .05 .05	.22 .05 10 .27	.03 .30 .13 .10 .04	11 14 03 .04 21 .10 38 .02	
DISON DAM 45  OLDHUS I N  TO ANTER MALAS WES  KYES MALAS WATER WES  KYES MALAS WATER WES  KYES MALAS WATER WES  KYES MALAS WATER WES  KYES MALAS WATER WES  KEN CAA  6  REDILTON LOCK 1  INTO  KEN CAA  1  INTO  KEN CAA  1  INTO  KEN CAA  INTO	.01 .11 .11 .11 .11 .11 .11 .11 .11 .11	5 15 15 1 15 1 10 1 10 1 10 1 10 1 10 1	.01 .13 .05 .05 .02 .03 .02 .03 .05 .05 .05 .05 .06 .14 .21 .16 .20 .07 .20 .09 .11 .12 .20 .05 .14 .21 .16 .20 .20 .20 .20 .20 .20 .20 .20 .20 .20	.10  .05 .14 .05 .10 .07 .01 .01 .01 .01 .03 .03 .03 .03 .14 .03 .03 .12 .28 .21 .01 .05 .21 .17 .05 .21 .19 .04 .03 .03 .01 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	* 16	.15		255   251	.01 .03 .03 .03 .03 .03 .03 .01 .01 .04 .04 .05 .06 .12 .08 .01 .09 .01 .09 .01 .01 .01 .01 .01 .01 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.066 .088 .033 .055 .177 .011 * * .011 .033 .022 .099 .077 .099 .077 .099 .077 .099 .077 .099 .077 .099 .077 .099 .077 .099 .077 .099 .099	-5th -111		. 244 .111 .021 .041 .011 .055 .060 .07 .7 .104 .04 .05 .02 .07 .17 .18 .05 .064 .01 .05 .07 .07 .08 .01 .08	.17 .16 .05 .01 .05 .02 .08 * .02 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.14 .11 .03 * * .05 .07 .07 .05 .02 .02 .04 * * .04 .01 .01 .01 .07 .08 .07 .07 .05 .07 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.01 .12 .09 .08 .03 .08 .06 .05 .01 .04 .04 .07 .04 .07 .04 .07 .04 .08 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.111 .05 .02 * * .05 .05 .06 .05 .08 .02 .01 .01 .01 .01 .01 .02 .09 .08 .02	.04 .03 .11 * * * * .03 .03 .03 .03 .03 .04 .06 .10 .09 .01 .01 .08 .07 .07 .09 .01 .01 .08 .07 .09 .01 .01 .08 .07 .09 .09 .01 .01 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.07 .07 .07 .07 .00 .01 .01 .01 .01 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.04 .01 .01 .01 .02 .02 .04 .01 .02 .04 .01 .05 .02 .04 .01 .05 .08 .04 .01 .05 .08 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.18 .01 .10 .01 .02 .02 .04 .05 .07 .03 .03 .02 .04 .05 .07 .03 .05 .07 .03 .05 .07 .03 .05 .07 .03 .05 .07 .05 .07 .05 .07 .05 .07 .05 .07 .05 .07 .05 .07 .05 .07 .05 .07 .05 .07 .05 .07 .05 .07 .05 .07 .07 .07 .07 .07 .07 .07 .07 .07 .07	.055.01.10 .011.11 .011.11 .022033.04 .011.02 .022.07 .022.11 .033.04 .033.04 .033.04 .033.04 .040.030.04	.022 .011 .099 .022 .044 .222 .066 .033 .055 .011 .031 .033 .055 .011 .031 .044 .033 .045 .056 .011 .011 .011 .011 .011 .011 .011 .01	2 1 1 1 1 2 1 2 1 2 2 1 1
MISON DAM 45  MERUS 1 M SOUNTLLE WATER WES  BOUNTLLE WATER WES  RA COLLEGE LING GREEN WE AP  THAN CLUT LING GREEN WE AP  THAN CLUT LING GREEN WE AP  THAN CLUT LING GREEN WE AP  THAN CLUT LING GREEN WE AP  THAN CLUT LING GREEN WE AP  THAN CLUT LING GREEN WE AP  THAN CLUT LING GREEN WE AP  THAN CLUT LING GREEN WE AP  THAN CLUT LING GREEN WE AP  THAN CLUT LING GREEN WE AP  THAN CLUT LING GREEN WE AP  THAN CLUT LING GREEN WE AP  THE COLLEGE AREA  THE COLLEGE AREA  THE CLUT LING GREEN WE AP  THE CLUT LING G	.111 .088 .033 .040 .011 .15 .07 .07 .07 .07 .08 .09 .04 .05 .03 .09 .04 .05 .03 .09 .04 .05 .03 .09	08	.18 .01 .06 .11 .15 .* .*02 .06 .01 .0402 .01 .35 .02 .01 .35 .02 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.23 .02 .05 .05 .02 .27 .05 .00 .00 .00 .00 .00 .00 .00 .00 .00	.01	04 .0' .0' .0' .0' .0' .0' .0' .0' .0' .0'	01 01 01 02 01 01 01 01 01 01 01 01 01 01 01 01 01	.02 .09 .01 .03 .08 .05 .02 .05 .05 .05 .06 .04 .05 .05 .04 .05 .05 .06 .06 .06 .06 .06 .06 .06 .06 .06 .06	.05 .01 * .03 .05 .01 * * * .02 .01 .02 01 .02 	* .01 .1105 * .01 .05 .06 .02 .01 .05 .05 .07 .02 .13 .05 .01 .18 .06 .00 .00 .01 .18 .06 .00 .00 .00 .00 .00 .00 .00 .00 .00	.06 .02 .02 .02 .06 .01 .00 .15 .02 .15 .02 .15 .02 .02 .10 .03 .08 .01 .06 .02 .02 .01 .06 .06 .06 .06 .06 .06 .06 .06 .06 .06	.01 .02 .04 .03 * .11 *	.02 .01 .04 .01 .01 .01 .03 .03 .03 .03 .03 .03 .03 .02 .01 .01 .01 .01 .01 .02 .01 .02	.03 .09 .02 *.05 .01 .04 - *.05 .07 .02 .10 .01 .03 .09 .02 .01	.01 .11 .05 .07 .07 .07 .09 .00 .00 .00 .00 .00 .00 .00 .00 .00	.066 .08	.12 .06 .39 .48 .15 - .69 .14 .06 .05	.04 .28 .14 - .05 .18 .01	.03	.07	.01	.01		1.1.1.1.3.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1

Table 4-Continued	 					4 W	ır endi										Ph	4 Hon	ır end	ina			JA	NUANI	1950
Station	. 1	_		4	5	6	7	ng 8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
OWENSBOBO DAM 46 PADUCAR CAA PADUCAR CAA PADUCAR SCS NURSERY RUMSSY LOCK 2 SADIEVILLE WATER WORKS ST MARTS COLLEGE SALYERSYLLLE //	.01 .05 .01	* .31 * .01 .19 .02	* * * .16	* * *	* * * * * .08 .02	.06	.02	* .13 * .03 .07	.04	:	* * * .02 .08 .09	:	* * .04 .03 .04	* .03 * .01 .01	.01	* .01	* .05	3,23 .67 .02			_				3.23 .67 .41 .75 .71
ST MARTS COLLEGE SALTERSYLLLE // SMITHFIELD 4 S SOMERSET BUWAT DEPT STEARNS TATHAM SPRINGS TOMPELINSYLLE UNIONTOWN DAM 49 WOLF CREEK DAM WOODHURY LOCK 4	.01 .05 .01 .01 .06 .01 *	.01 .01 .05	.06 .18 .01 .01	.01 .10 .02 .01 * .03	.14 .09 * .04 .01 .01	.08	.10 .13 * .06 .03	.12 .09 .03 * .18 .14 .03 .05	.01 .01 .10 .01 .01	.13 .01 .03 .02 * .12 .07 .01	.04	.06 * .09 .10 .02	.02 * .01 .12 .03 .13	.04 .25 * .01 .09	.02	.01	.05	1.58		.01					.67 .74 .91 1.58 1.04 .75 .39 .71
KENTUCKY DAM MC KINNEYSBURG // TATHAM SPBINGS	.01	.01	.01	-	.01	_	-	-	1	.11	-	-7t	-	-	-	-	-	-	_	-	_	-	-	-	.11
ADDISON DAM 45 BARBOURVILLE WATER WKS BAITER HARLAN WATER WKS BENTON 1 SW BOWLING GREEN WB AP CARROLLTON LOCK 1 //																	.01	.01	.01	.05 .02		.01	.06 .01 .01	.02 .02 .25 .05	.16 .10 .16 .25 .08 .13 .46 .12
CENTRAL CITY CLINTON CONSTANTINE COREIN CAA 6 DUNDEE BARRETTS FORD BR EDMONTON FLEWINGSBURG POST OFF FORDS FRANKLIN WATER WORKS GEST LOCK 3																*	•	.01	•	.04		.12	.03 .01 .02 .03 .01 .13	.21 .27 .03 .01 .01	.46 .12 .28 .16 .03 .22 .07 .03 .02 .40 .08 .23
HALEYS MILL HAZARD HAZARD BODGENVILLE NAT PARK ENTUCKY DAM LEXINGTON WB AIRPOBT														02	.02		. 03	.05	. 0	. 20	. 0:	.02	.06 .01 .01 .03	.01	. 40 . 08 . 23 . 28 . 17 . 03 . 02 . 22 . 08
LIBERTY LITTLE BOTOMYLCE LITTLE BOT OFFICE LOUISILLE BOTOMY FLD LOUISYLLE STAN W B AP LOUISYLLE TS B MADISOWYLLE I SF MADISOWYLLE I SF MILLERSHOR BOTOMYLCE MORENAD STA TRACE COL MUNFORMYLLE														.02	.02				* .0:		*	.02 * .01 .05 *	.02	.04 .03 .04 *	.08 * .06 .09 * .04 .04 .09 .04
OLIVE BILL OWNNSBORD DAM 46 PADUCAH CAA S PADUCAH CAS NURSERY PIKEVILLE BUMSEY LOCK 2 SADISVILLE WATER WORKS ST MARTS COLLEGE SMITHFIELD 4 S SOURESSET HUNAT DEPT																		.02	1	. 0:	.00	.10	•	.01 .01 * .04 .02 .15 .23	.13
STEARNS TOUPRINSVILLE UNIONTOWN DAM 48 WOODBURY LOCK 4												-10	th-						.0			.01	. 25	.02	
ADDISON DAM 45 ADOLDHUS 1 N BARBOURYLLLS WATER WKS BAXTER HARLAN WATER WKS BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP CARBOLLTON LOCK 1 //	.10	.01		. 02		. 61	.03		10	02	.04	.07 4 .15 5 .04	.08 .21 .02 .03 .09	.01 .14 .23		. 06	. 02	;	.0	3					1.00 .87 .50 .50 .49 .87 1.58 .47
CENTRAL CITY CLINTON CONSTANTINE CORBIN CAA DAVELLA DUNDEE BARRETTS FORD BR	.18	. 13	.0:	.08	.13	. 13	.29	.03	.16	.18	. 01	.04	* .22 .03 .08	.31			٠	.0:	2	.2	* S 1		•	2.40	3.5
EDMONTON PLEMINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL HAZZED	.02 .10 .05 .01	0 .03	21	.12	.08	.01	.15	. 14	. 12	.23	.20	5 .07	.04	.13	3 .05	.02		1						. 01	2.05 1.12 1.21
HERROON HODGENVILLE NAT PARK JENKINS KENTUCKY DAM LEXINGTON WB AIRPOBT LIBERTY //	.03	3 .22	2 . 2	. 12 5 . 02 5 . 14	.01	.0:	2 .13	3 .05 3 .03	3 .06 7 .29	02 0 .18 0 .08 0 .18	.10	2 .55 3 .01 0 .02 7 .17	.09	.00	.0:	. 06		5 .0:	2 .0	2				.01	1.21 1.21 1.21 1.21 1.21 1.21 1.21
LITTLE HICKMAN LOCK 8 // LOGLICK 1 S LOWNON POST OFFICE LOUISA LOCK 3 LOUISVILLE STAN W H AP LOUISVILLE WE CITT LUCAS MADISONVILLE 1 8E	.04	5 ,0: 1 8 8 ,0:	.0 .0 4 .0	3 .0:	5	.0:	. 25	0 .10 9 .1: 5 .7:	.01 0 .08 2 .04 8 .31	3 .07 4 .18 7 .08	.0	7 .09 3 .13 7 .04 1 .20 5 .11 7 .06	.02 .12 .07 .01	.01	1 .0°	7 .07									.37 .70 .38 1.22 .86 2.05 .90
MADISONVILLE 1 8E MAYSVILLE DAM 33 // MC KINNEYSBURG // MIDDLESBORG RR STA MILLERSBURG MOREREAD STA TEACH COL	.01	7 .1	.0 s .0	s .1	* 1 .13	*	.0:	5 .14 2	1 .13	*11	*	*	.02	.30	.10	.07		6 .0	*	٠	•		٠	*	1.0:

																			ır endi						
Station	1	2	3	4	A )	4 Hou	t endi	ng 8	9	10	11	12	1	2	3	4	P N	6 Hou	r endi	ng 	9	10	11	12	Total
HIMPORDYLLLE LIVE SILLE LIVE SILLE LIVE SILLE SENSION DAM 46 ADDICAL CAA AG 6 ADDICAL CAA AG 7 ADDICAL CAA AG 7 ADDICAL CAA AG 7 ADDICAL CAA AG 7 ADDICAL CAA AG 7 ADDICAL CAA AG 7 ADDICAL CAA AG 7 ADDICAL CAA AG 7 ADDICAL CAA AG 7 ADDICAL CAA AG 7 ADDICAL CAA AG 7 ADDICAL CAA AG 7 ADDICAL CAA AG 7 ADDICAL CAA AG 7 ADDICAL CAA AG 7 ADDICAL CAA AG 7 ADDICAL CAA AG 7 AG 7 AG 7 AG 7 AG 7 AG 7 AG 7 AG	.12 01 * .01 .03 .17 .09 .01 .27	.39 .08 .02 .02 .02 .01 .10 .20 .13	.27 .05 .02 * .01 .02 .10 .33 .12 .01 .12 .08	.14 .08 * .42 .01 .20 .02 .01	.08 * .19 .22 .19 .01 .02 .20	.08 .75 *0.08 .15 .08	.21 .09 * .05 .15 .08 .17 .03 .04 .01 .23	.19 .01 .01 .131 .04 .17 .12 .15	.30 .08 .01 * .01 .18 .10 .01 .08 .01 .28 .02 .26	.12 .03 .02 * .12 .17 .01 .19 .43 .07		.02 .111 * .04 .22 .13 .14 .22 .17 .19		.02 .01 .04 .25 .01 .07 .02 .15 .06 .11	.04	.03	.02	.02	.02				.08	.03	2.09 74 92 .73 .42 .53 1.32 1.44 .56 1.35 1.10 .95 1.09 .88 1.38
ADDISON DAW 45 ADDISON DAW 45 ADDISON DAW 45 ADDISON DAW 45 ADDISON DAW 45 ADDISON DAW 45 ADDISON DAW 45 ADDISON DAW 45 ADDISON DAW 45 ADDISON DAW 45 ADDISON DAW 45 ADDISON DAW 45 ADDISON DAW 45 ADDISON DAW 46 ADDISO	.01 .10 .01 .01 .01 .02 .02	.03 .15 .11 .08 .01 .08 .01 .01 .03 .12	.04 .02 .01 .02 .09 .12 .02 .05 .06 .06 .01 .02 .01 .02	.19 .01 .02 .01 .03 .05 .06 .01 .01 .02 .01 .02 .01 .06 .01 .02 .01 .02 .01 .05 .05 .01 .00 .00 .00 .00 .00 .00 .00 .00 .00	.30 .04 .04 .04 .11 .01 .23 .10 .2 .14 .01 .02 .14 .05 .09 .08 .02 .04 .34 .16 .03 .01 .04 .03 .01 .04 .03 .01 .07 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.18	.14 .03 .03 .01 .01 .01 .01 .05 .03 .23 .23 .32 .32 .33 .23 .32 .31 .07 .19 .06 .04 .04 .29 .01 .01 .03 .03 .03 .04 .05 .05 .06 .06 .06 .06 .06 .06 .06 .06 .06 .06	.111 .011 .055 .010 .010 .010 .010 .010 .010	.07 .04 .09 .06 .05 .09 .17 .18 .04 .08 .04 .08 .04 .08 .08 .08 .08 .08 .08 .09 .11 .11 .10 .06 .05 .05 .05 .05 .05 .05 .05 .05 .05 .06 .05 .05 .05 .05 .06 .05 .05 .06 .05 .06 .06 .06 .06 .06 .06 .06 .06 .06 .06	.14 .03 .07 .05 .05 .05 .05 .10 .05 .08 .03 .18 .07 .03 .10 .05 .04 .03 .10 .05 .04 .03 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.255 .02 .02 .02 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	-12' 153.032 077.055 0.052.033 308.056 0.062.020 0.044 0.077 0.088 0.090.077 0.040 0.010.088 0.020.090 0.077 0.040 0.030.088 0.050.090 0.077 0.040 0.030.088 0.050.090 0.077 0.040 0.030.088 0.050.090 0.077 0.040 0.030.088 0.050.090 0.070.0000 0.07	.05 .02 .03 .04 .04 .05 .05 .05 .05 .05 .05 .06 .06 .06 .08 .08 .08 .02 .09 .08 .08 .08 .02 .09 .08 .08 .08 .08 .02	.05 .02 .02 .04 .05 .03 .03 .03 .03 .03 .04 .07 .08 .08 .08 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.03 .07 .05 .03 .07 .05 .03 .01 .04 .03 .02 .05 .03 .07 .04 .05 .05 .07 .04 .01 .06 .05 .07 .04 .01 .07 .08 .07 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.033 .011 .055 .07 .022 .03 .03 .011 .011 .022 .07 .02 .07 .02 .07 .02 .07 .02 .07 .02 .07 .02 .07 .02 .07 .02 .07 .02 .07 .02 .07 .02 .07 .02 .07 .02 .01 .04	.022 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02	.011 .022 .033 .044 .011 .011 .011 .011 .011 .011 .011	.03 .03 .02 .04 .03 .01 .02 .01 .01 .03 .04 .03 .04 .03 .04 .00 .07 .07 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.033 .086 .055 .055 .044 .033 .046 .066 .060 .022 .111 .011 .011 .055 .014 .011 .055 .014 .011 .055 .014 .011 .011 .011 .011 .011 .011 .011	.02 .02 .02 .02 .02 .02 .03 .05 .03 .03 .05 .02 .02 .04 .04 .04 .04 .04 .04 .04 .04 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.044 .011 .021 .031 .011 .021 .011 .011 .021 .011 .011 .01	.066 .155 .066 .033 .088 .011 .133 .011 .133 .011 .044 .022 .088 .093 .011 .033 .044 .022 .011 .040 .050 .070 .030 .044 .011 .020 .055 .044 .011 .020 .044 .011 .020 .044 .041 .044 .044 .044 .044 .044 .04	.07 .04 .04 .05 .03 .02 .02 .02 .02 .03 .04 .05 .05 .05 .01 .05 .05 .03 .01 .05 .05 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	2.04 822 5.57 9.77 9.71 1.42 2.47 2.12 2.12 2.13 1.51 1.51 1.51 1.51 1.52 1.57 1.52 1.57 1.52 1.57 1.52 1.57 1.52 1.57 1.52 1.53 1.53 1.54 1.54 1.55 1.55 1.55 1.55 1.55 1.55
ADDISON DAW 45 ADDISON DAW 45 BARBOUNTILE WATER WES BARKOWNILES WES BARKOWNILES WES BECKER COLLEGE BECKER COLLEGE BECKER COLLEGE BECKER COLLEGE BECKER WE AP CONSTANT INE CONSTANT INE CONSTANT INE DAWNILLA BARKETS FORD BE THE WEST FORD BE THE WEST FORD BE THE WEST FORD BE BECKER WEST FORD BE THE	.166 .01 .12 .02 .05 .05 .05 .15 .03 .05 .15 .03 .05 .17 .01	.044 .011 .05 .07 .02 .03 .02 .04 .05 .07 .02 .03 .05 .07 .02 .03 .05 .07 .02 .03 .05 .07 .02 .03 .05 .07 .02 .03 .05 .07 .02 .03 .05 .07 .02 .03 .05 .07 .02 .03 .05 .07 .02 .03 .05 .07 .02 .03 .05 .07 .02 .03 .05 .07 .02 .03 .05 .07 .02 .03 .05 .02	.01 .01 .05 .02 .01 .01 .01 .01 .03 .02 .07 * .01 .01 .03 .02	.02  .01  .05 .05 .08 .01 .01	* .02 .01 * .12 .04 .02 *	.01 * .03 .02 .02	.01  * .02  * .01 .01 .02 .01 .01 .01 .01	* .01 .01 .03 .01 .01 .07 .03	.01	.02 .01		-13		.09 * .43 .04 .0411 *	.23	.05  * .26 .27 .04 .02 .0804  * .18	.04 .07 .01 .04 .02 .05 .04 .01 .07 .03	.07 .05 1.71 .06 .04 .06 .00 .10 02 .03	.00 .02 .03 .08 .04 .12 .07 .06 .03 .04 .22 .15	.01 .03 .07 .09 .03 .02 .04 .02 * .12	.09 .16 .06 .01 .17 .0710 .05 .01 .02 .14 .09 .16 .12 .08 .06	.04 .12 .07 .12 .07 .03 .08 .03 .0 .12 .12 .01 .00 .03	.07 .07 .05 .05 .09	.01 .01 .03 .05 .06 - .06 .08 1.61 .03	. 855 .344 .200 .100 .600 .600 .600 .800 .708 .199 .400 .516 .711 .622 .344 .511 .833 .755 .727 .399 .699 .699 .799 .799 .799 .799 .799 .7

Table 4-Continued					A. 1	M. Hou	ur end	ing									P. N	4. Hou	ır endi	ng				NUARY	
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
LOUISVILLE BOWMAN PLD LOUISVILLE STAN W B AP LOUISVILLE STAN W B AP LOUISVILLE BE CITY  MADISONVILLE 1 SE MANYSVILLE DAM 33  MC RINNYISDURG STA  MC RINNSISSURG STA  MC RINNSISSURG STA  GENERAL SCAULAGE  MC RINNSISSURG STA  STEARNS COLLAGE  MC RINNSISSURG STA  STEARNS COLLAGE  MC RINNSISSURG STA  MC RINNSI	* .07 .09 .01 .13 .07 * * .02 .03 * * .02 .04 .05 .07 .02 .07 .02 .04 .05 .07 .02 .04 .05 .07 .05 .07 .00 .00 .00 .00 .00 .00 .00 .00 .00	* .08 .05 .01 .02 .05 * * * .05 .05 .05 .01 .08 .05 .05 .05 .01 .08 .04 .07 .10 .02 .01 .02 .01 .02	* .01 .03 .01 .02 * * .05 .01 * .01 .07 .01 .08 .02 .01 .04 .01	* .01 .02 .02 .02 .04 .01 .01 .01 .01	* .01 .03 * * .03 * .02 .01 * .01	* .02	* .03 .04 * * * * * .02 .02 .01	2.43 .03 .06 * .03 * .81 .05	* * *	* * .02	* * * *	* .* .* .*	* * .27 .01	.20 * * .18 .31 .06	.09 .07 .08 .33 * *	.33 .23 .34 .04 * .06 .03 .18	.01 .01 .05 .03 * * * .01 * .07 .07 .03	.03 .03 .04 .03 .02 * * .01 .03 .07 * .03 .05 .04	.04 .04 .05 .03 .05 .08 * .04 .07 .09	.08 .08 .09 .05 .10 .03 .4.37 * .07 .03 .14 .03 .47 .08 .11 .06 .11 .02 .03 .07 .13	.02 .01 .04 .06 * .07 .10 .12 .07	.03 .02 .02 * .11 .08 .04 .05	.08 .07 * * .03 .12 .01 .14 .03 .15 .12 .10 .15	.02 .06 * .05 .03 .01	3.01 .72 .90 .38 .92 .51 4.52 * .59 .58 2.63 .41 .93 .716 .66 .70 .39 .88 .95 .40 .70
BARBOURVILLE WATER WKS BAXTER HARLAN WATER WKS COREIN CAA 6 EMONTON HAZARD EMONTON HAZARD HAZ	.09 .06 * .12 .09 .12 .16 .19 .03 .05 * .01 .04 .12 .07	.11 .33 .47 .06 .10 .17 .04 .02 .08 * .01 .06 .08	.12 .12 * .14 .02 .01 .12 .10 .04 *	.02 .13 *	.04	.01		.18	.53	.01	. 01	-15	th-												.34 .68 .32 .04 .21 .13 .73 .23 .05 .22 .53 .02 .29 .30 .10
ADOISON DAM 45 ADOLPRUS 1 N BERROW 1.5E BERROW 1.5E BERROW 1.5E BERROW 1.5E BERROW 1.5E BERROW 1.5E BERROW 1.5E BERROW 1.5E BERROW 1.5E CARROW 1.5E BERROW 1.5E BE	.06	.02	.09	.05	.13	. 02	.11 .03	.03	.01	.01		.01					.40 .01 .35	.38 .11 .02 .42 .03	.16	.04 .44 .03 .01 .46 .20 .09	.29 .37 .14 .01 .02	.20	.07	.10 .05 .01	1.50 1.11 .66 .73 .75 1.35 .89 .56 .78
FLEAINGSBURG POST OFF FRANKLIN WATER WORKS GEST LOCK 3 HAZARD BEIDELBERG LOCK 14 HERNDON HOOGENVILLE NAT PARK	.02	.03	.21	.02	.01 .28 .01 .97	.17	.01			.02	. 01	01				.01	.49	.05	.01 .40 *	. 06	.03	.11	.14	.04	. 22 . 75 . 85 1. 21 1. 43 . 34 . 51 . 67 1. 01 . 70 . 88 . 87 . 91 . 78 . 44 . 24
EENTUCKY OAM LEXIMOTON WE AIRPORT LEXIMOTON WE AIRPORT LEXIMOTON WE AIRPORT LEXIMOTON WE AIRPORT LEXIMOTON	-	01	.01	.19 .23 .11	.45 .38 .53	.02	.05	-	-	.02	-	.01	-	.02	-	.02	.01	* .39 .44 .39 .02 .63	.19	* .02 .04 .04 .26 .02 .03 .31 .25	.02 .02 .21 .40 .13	.01	* .11 .13 .06 * .05 .24 .05	.05	.78 .44 .24 1.26 1.33 .82 - 1.25 - .75 .75
OLIVE BILL  OWENSEORO OA 46 PADOCAH CAA PADOCAH CAS NURSERY RUNSER LOCK 3 SALEVILLE ATER WORKS SALEVILLE ATER WORKS SALEVILLE ATER WORKS SALEVILLE BATTER WORKS SALEVILLE TO BE SALEVILLE TO B	.02	.01 .23 .01 .06	.07 * .17 .01	* .01 .03	.02 * .01 .01 .49	.01		.02	.01	.01	.01	.05	:01 :01	.14	.02 * .01 .01	.14	.65 * .47 .04		.03 .11 .27	.55 .03 .05 .25 .52 .12	.01 .09 .21 .03	* .03 .04 .30 *	.02	.26	.75 1.52 .98 .97 1.28 .79 1.47 .49 .50 .77 .67
APOLPHUS 1 N // BARBOURVILLE WATER WES BARTER BRAILAN WATER WES CORBIN CALC 6 OAYELLA BEARANNE CORDINON BEARANNE LOCK 14 // JERNING LIBERTY LITTLE SICEMAN LOCK 8 // LOGALCE 1 8 //	.01 .10 .22 .01 * .08 .05 .09 .04 .09 .03 .01	.14 .06 .01 .36 .15 .03 .15	.13 .10 * .10 .09 .01	.06	.022 .044 * .01	٠	.04	. 23				-10	otn-												.01 .50 .65 .02 .40 .06 .38 .08 .53 .03

KENTUCK

						Α	м Но	ur end	ling									P	м Но	ar endi	ng					-2
Station	ĵ	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
LONDON POST OFFICE LOUISA LOCK 3 MIDDLESBORG OR STA MORREHAD STA TEACH COL OLIVE BILL OLIVE BILL OR PILEVILLE SOMESSET DIFAT DEPT STRAMS WOLF CREEK DAM		.07 .09 * .05 .06 * .24 .29 .13 .18	.10 .06 * .01 .05 .05 .25	.09	.03	.07	.01	.02		.01	•	٠		th-			.42		٠	•						. 28 . 26 . 42 . 06 . 08 . 53 . 82 . 18
ADDISON DAW 45 ADDISON DAW 45 ADDISON DAW 45 ADDISON SAME THE WAS BRITON 1 SW SE BRITON 1 SW SE BRITON 1 SW SE BRITON 1 SW SE BRITON 1 SW SE BRITON 1 SW SE BRITON 1 SW SE BRITON 1 SW SE BRITON 1 SW SE BRITON 1 SW SE BRITON 1 SW SE CARROLLTON LOCK 1 CLINTOW DUMDES BRANETTS FORD BR EDWOYDON DUMDES BRANETTS FORD BR EDWOYDON BRANET SW SE BRANET																		.01	.01	.01	.02 .02 .02 .02 .03 .01 .01 .01 .00	.01 .01 .09 .01 .23 .08 .01	. 22 . 03 . 07 . 07 . 01 . 03 . 12 . 01 . 02 . 07	.02 .01 .01 .01 .01 .02 .14 .02 .01 .01 .01 .01 .02 .14 .02 .01 .01 .01 .01 .02 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.01 .02 .03 .02 .03 .02 .01 .02 .01 .02 .01 .03 .04 .02 .01 .03 .02 .01 .03 .02 .01 .03 .02 .01 .03 .03 .03 .04 .01 .03 .03 .03 .03 .04 .01 .01 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	. 022 333 . 041 . 032 . 033 . 042 . 032 . 033 . 032 . 033 . 034 . 042 . 042 . 042 . 043 . 043 . 044 . 044
SOMERSET HIMAT DEPT TOOPE INSTITUTE WOLF CREEK DAM WOODHURY LOCK 4  ADDISON DAM 45 ADDIFUSI 1 N ARRONRYLLE BATER HES		.03 .02 .06 .03	.06	.01	.01	. 25	. 10	. 02		.12	. 01	02	. 01	th-	.07	.03	.03	. 05	. 15	.14	.01	.12 .10 .02	.08 .13 .02 .05	.03 .25 .26 .04	.01 .15 .07 .19 .02	.26 .57 .57 .13
BAITER HARLAN WAYER WES BENTON 1 SW BOWLING GREEN WB AP CARBOLLTON LOCK 1 CENTRAL CITY CLINTON CONSTANTINE		.03 .13 .11	.16 .01 .02 .01 .08 .05	. 02	.15	. 01	.01	. 02	.01 .01 .01	. 01	. 03	.05	.02	.03	. 02	. 09	.01	. 04	.10	.10	.02	. 07			.02	.94 .19 .61 .04 .17 .20
CORBIN CAA 8 DAVBLIA DUNDEE BARRETTS FORD BR EDWONTON PLEWINGSDUEG POST OFF FFANKLIN WATER WORKS GEST LOCK 3 HAZARD //		.07 .04 .05 .01	.23 .10 .09 .04 .01 .01	.03 .02 .01 .01 .04	.01 .01 .03 .22 .03 .04	.01 .18	.01	.02	.01	.01	.01	.01	•	.02	.11	.02 .10	.02	.04	.02	.01	.55	.02	.05	. 03	.02	. 47 . 25 . 72 . 07 . 53
HEIDELBERG LOCK 11 HERNDON HODGENVILLE NAT PARK JENKINS ERNTECKY DAW LEXINOTON WE AIRPORT LIBERTY //		.05 .02 .02 .01 .05 .04 .05	.06 .03 .01 .09 .02	.04 .01 .15 .15 .08	.04 .01 .05 .02 .03	.01 .03 .13 .01	.02	.01	.07	.01	.03	.01	.01	.01	.03	.01	.09 .06 .01 .05	.09 .01 .07 .01	.11	.09	.03	.01 .04 .01 .05	.03 .04 .01	.01	.01	.89 .47 .42 .37 .77 .21
LOGLICK 1 8 LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN W H AP LOUISVILLE WB CITY LIPAS		.01 .02 .02 .03 .02 .03	.10 .01 .02 .02 .02 .02	.04 .05 .07 .01	.03	.03	.02 * .09 .01	.08	.01	.02	* .03	. 01	.01	.01	.14	.09	.42	. 05	.01	. 01	.01	. 01	. 04	.01	.01	.13 .27 .82 .23 .09 .13
MADISONVILLE 1 SE MATSVILLE DAW 33  MC KINNYSSBURG MIDDLSSORDO RE STA MILLERSBURG MORREAD STA TRACH COL MUNPORDVILLE OLIVE HILL OUTENSDROOD DAW 46		.01	.02 * .02 .01 .01	* .01 .03 .01	.03 * .02 .02 .05 .27 .02	* .15 .02 .05 .03	. 21	.02	.01	01			. 01	.01	.01	.01			. 05	.04	.01					.13 .06 .21 .35 .07 .20 .44 .10
OVERSBORD DAM 46 PADUCAH CAA A A A A A A A A A A A A A A A A A A		.02 .01 .09	.01 .02 .02 .02 .14 .02 .03 .10	* .01 .03 .16 .02 .05	.01 .01 .03 .06	.01 .03 .01	. 01	.01	.01	.01	.02	-	.01	.01	. 04	.04	.02	.04	.15	.01	.01	.05	.01	.01	. 03	. 04 . 05 . 79 - . 08 . 29 . 48 . 11
																										. 11

Ch. V.					A. !	M. Hou	endir	ıg									P. N	I. Hou	r endi	ng	,				
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	. 11	12	
ERSET HIWAY DEPT PRINSVILLE F CREEK DAM DBURY LOCK 4	.03	3 .0	2 0	2	.01	.09 .14 .16	.05	.03	.04 .05 .05	. 04 . 01 . 07	.02		.02	.04	.19 .10 .15	.07 .18 .12	.11	. 03	.02		. 13	.01	. 01	.18	
OLPHUS 1 N // RBOURVILLE WATER WKS KTER HARLAN WATER WKS REA COLLEGE	.01	1.€	1 .0	4 .01		.02	. 03	.03	_	_		-19 -	th-	_	-	-	_	_	_	_	_	-	_	_	1
IBIN CAA 6	.01	, c	4 ÷ .0	*	:	.53	.05	.03 .10 .01																	-
NKLIN WATER WORKS ARD // DELBERG LOCK 14 // NNDON KINS	. 03	3 .0	04 .0 01			.01	. 01				.02			.01	. 02										I
ERTY TLE HICKMAN LOCK 8 // DON POST OFFICE	.03	* 3 .0	.0 * 01 .0		٠	.02	. 02																		-
AS DLESBORO RR STA FORDVILLE EVILLE PKINSVILLE	.0:	*	.0 01 .0 01 .0	1 *02		.05	.09	. 02	.01																
F CREEK DAM DBURY LOCK 4	.0:	2	J4 .U	1					.01	. 03		<b>-</b> 2:	lst–												
THAM SPHINGS	-	-	-	-	-	-	-	-	-	-	-	- -2	- 2d <b>-</b>	-	-	-	-	1	-	-	-	-	-	-	
DISON DAM 45 // OLDHUS 1 N // NTON 1 SW REA COLLEGE WILING GREEN WB AP NTRAL CITY				.01				.01		. 02	*	-∠. * .01	* .01							٠		*		٠	
NTRAL CITY INTON RBIN CAA 6 VELLA NDEE BARRETTS FORD BR			01			. 01	. 04	.01	.01	.01	٠			.02	*		٠			. 01	1				
NDEE BARRETTS FORD BR MONTON LEMINGSBURG POST OFF LANKLIN WATER WORKS ST LOCK 3	.0	1 .4	D1	.0:	.01	. 01	.04	.03	. 01	.03	. 01	. 01	.01						.01					. 01	
ZARD // IDELERG LOCK 14 // RNDON DGENVILLE NAT PARK NKINS				01 .0:	. 02	. 02	. 03	.01	.01	.01	. 01	. 01	.01			.01	. 01		.02						-
XINOTON WB AIRPORT BERTY TILE HICKMAN LOCK 8 // NDON POST OFFICE UISVILLE STAN W B AP UISVILLE WB CITY			. (	01	.01		.02	. 02	.01	.01	.01	. 02		.01	. 01	.01	. 02	. 01	. 01				.01	. 01	1
DISONVILLE 1 SE	. 0	2 .	01 01 .	01		. 01	.04	.01	. 02	.01	. 01														
IDDLESBORO RR STA ILLERSBURG REHEAD STA TEACH COL				.0		. 01		. 02 . 02 . 01	.01	.01	. 01		.02		.01	.01	. 04								
UNFORVILLE UNFORMATION WENSBORD DAM 46 ADUCAH SCS NURSERY IKEVILLE ADIEVILLE WATER WORKS	.0	)1 .	02		.0:		.01	.01	.02	.01	. 01	.01		.01	.01				.03	3	. 0:	1		. 01	1
TO EVILLE WATER WORLS I MARYS COLLEGE ATTHFIELD 4 8 MERSET HIWAY DEPT ATHAM SPRINGS MPKINSYILLE	.0	)1			, 0.	. 02	.01	.01	. 01	.01	. 01	. 01	.01											. 05	5
OMPKINSVILLE OLF CREEK DAM OODBURY LOCK 4				.0	1	. 01	. 04	. 01	.02	.02		.0:			. 01										
DDISON DAM 45 // DOLPHUS 1 N //		.,		.0	,	. 01	.06	.02		.01		-2	3d- .02	.03	. 04	. 01	.02	. 01							
DDISON DAM 45 // DOLPHUS I N EXTER HARLAN WATER WES ENTON 1 SE EREA COLLEGE ERROLLTON LOCK 1 // ENTRAL CITY	. (		02		.0:	*		.02	*		*	*	.01		•	.05	. *	.01							
LINTON DNSTANTINE AVELLA					. 0:	3 .01	.02				. 01			. 03	. 03	. 01	. 01	. 01	5						
DMONTON LEMINGSBURG POST OFF EST LOCE 3 ALEYS MILL AZARD //				03			. 02							. 01			. 05 . 01 . 01	.02					. 01	. 0:	1
EIDELBERG LOCE 14 // ERNDON DOGENVILLE NAT PARK			01 .	01			.01					. 0	. 01	03		.03	. 01	. 04					.0.		
EXINGTON WB AIRPORT IBERTY //				01	.0									.08	.08	.02	.04								
OGLICK 1 S ONDON POST OPPICE ONUSA LOCK 3 OUISVILLE BOWMAN PLD OUISVILLE STAN W B AP OUISVILLE WB CITY				.0	0	01, م								. 03	.24	. 01 . 02 7 . 02				.0	07				
LUCAS AADISONVILLE 1 SE AAAYSVILLE DAM 33 // KC KINNEYSBURG //				01 .0	1	. 01		. 01				.0	4 .01						.0	7 .0	)5 )3				

Ones						A I	M. Hor	ar endi	ng									Ph	4 Hou	r endi	ng					
Station	1		2	3	4	6	6	7	8	9	10	11	12	1	2	3	4	8	6	7	8	9	10	11	12	
DDLESBORO RE STA LLERSBURG REBIRAD STA TEACH COL FORDY ILLE FORDY ILLE GOUCH GO AM 46 DUCH GA UUCH GOS BURGERT LEVILLE FATER FORKS LYSTRSY LLES		01	.01	.04	.04	.01	.01	.02	.01	.02		•		.01	.03	.01	.01	.09	.09	. 03	.14			.01		
YERSYILLE THEFIELD 4 5 UNSET HIWAY DEPT ARMS TARMS THAN SPRINGS		01	.01	. 01	.02	٠	•	٠	1.31				. 03		. 04	.04	.14	.03								1
ISON DAM 45 BOURVILLE WATER WKS EA COLLEGE ROLLTON LOCK 1 // T LOCK S	-		.07	. 02	.02	.07	.17	. 27	.03	01		.02	-24	th- .01												
T LOCK S ARD  DELBREG LOCK 14  INGYON WE AIRPORT DON POST OFFICE ISVILLE DOWNAN FLD ISVILLE STAN W H AP ISVILLE STAN W H AP ISVILLE STAN W H AP ISVILLE STAN W H AP ISONVILLE 1 SE	1 :6	02		.07	.01	.03	. 01			.01							.02									
VE HILL		04	.01 .01	.07	. 01	.02	.01	.01	. 01																	
FERSVILLS // FEFIELD 4 S HAM SPRINGS		01	.02 .02 .01		.08	.02						_		th-												
SON DAM 45  JPHUS 1 N  OUTVILLE WATER WES  WER BARLAN WATER WES  YON 1 SW  AC COLLEGE  LING GREEN WB AP				.10	. 02	.13	.03	.01	. 09	.24	.21	.14	.10	.04	.02	.04	. 03	.14	. 12	.01 .15 .12 .06	. 03 . 11 . 17	.02 .16 .05	.09	*	. 01	2
TRAL CITY				. 17	.05 .02 .06	.05 .13 .12 .06	.06 .07 .01	.09 .16 .06	.07 .30 .03	.03 .16 .10	.02 .05 .14 .25	.09 .07 .25 .06	.02 .14 .03 .16 .01	.01 .05 .05 .09 .03	.11 .17 .02 .08 .06	.06	.15 .16 .19 .01 .12 .01	.03 .15 .20	.10	.05	.03	.03	.02	. 01	. 01	1 1 1 1
TANTINE IN CAA LLA EE BARRETTS FORD BR HYDON INGSHURG POST OFF LLIN WATER WORKS LOCK 3			.01		.13	.08	.08	.09	. 23	.19	. 20	.11	.23	.04	.02	.07 .17 .20	.04 .07 .10	.07 .25 .14	.01 .02 .04 .11	.10	.30 .16 .07 .10	.11	.09	.03	.02 .01 1.13	1
LOCK 3 TAS MILL RD // RLBERG LOCK 14 // DON ENVILLE NAT PARK			•	٠	.01	.01	.14	* :11	.03	.10	.25 .01 .13 .06	.17	.06	.11	.17	.07	.02 • .10 .06 .18 .09	.01 .03 .17 .07	.02 * .12 .16 .08	.16 .06 .02	.15 .08 .04	.10	.01 * .02 .05	.07 .01	.01	1
UCKY DAN			.44	. 04	. 21	.05	.07	.09	. 20	. 19 . 06 . 01	.12 .06 .01	.02 .17 .02	.08	.02 .20 .15 .14	.08 .19 .09 .26	.01 .12 .18 .29	.02 .10 .20	.14	.15	.09	. 26	.07	.11	.10		1 1 1
INGTON WE AIRPORT KRITY FILE HICKMAN LOCK 8  LICK 1 S  DON POST OFFICE  ISA LOCK 3  ISVILLE BOWMAN FLD  ISVILLE BOWMAN FLD  SVILLE BOWMAN FLD  SVILLE WE CITY  S  S  S  S  S  S  S  S  S  S  S  S  S					.06	.05	.05 .04	.02	.18	.22	.10 .10 .21	.17 .16 .16 .02	.16 .17 .10	.10	.02		.21 .02 .01 .02 .02 .03	.17	.04	.05	.03	.02	. 05	.01	.01	1 1 1 1
SONVILLE 1 SE SVILLE DAM 33 // KINNEYSBURG // DLESBORO RR STA			.02		.16	.10	.03	.02	.03	.13 .03 .10	.21 .05 .09 .05 .32	.02 .19 .04 .29	.14 .18 .16 .16	.09 .09 .25 .18	.01 .05 .07 .12 .11	.15 .05 .18 .04	.03 .23 .03 .12 .06	.12 .09 .05 .03	.07 .02 .03	.18 .03 .02 .02 .11	.03 .02 .05 .02 .03	.01 .01 .09 .03	.01	.01 .01 .01 .01	.07	1 1 1
BERAD STA TEACH COL PORDVILLE FE BILL NSBORO DAM 46 CCAH CAA 6 UCAH SCS NURSERY EVILLE VATER WORKS			. 22	.12	.10	.07	.03	.05	.02	.30	.01	.06	.02 .15 .01 .06	.07 .15 .06 .01	.11 .18 .17 .02 .34	.23 .25 .18 *	.05 .22 .17 .18	.12 .23 .12 *	.05 .22 .05 .02	.02	.03 .02 .03	.01	. 04	.01	.01	1
MARYS COLLEGE FERSVILLE //						.11	.03	.01	.01	.08	.19 .02	. 23 . 05 . 06	.11	.15	.09	.04	.02 .23 .02 .03	.01 .04 .18 .06 .01	.04 .01 .20 .07 .01	.07 .15 .34	.15	.11 .01 .02 .05	.09	.09	.01	1
ARNS AM SPHINGS PRINSYLLE F CREEK DAM DHURY LOCK 4					.01	.01	. 01	.07	.05	. 05	.06	.11	. 21	.23 .01	.10	.07	.08 .03 .18 .04	.07 .02 .04	.08 .12 .09	.07 .06 .07	.01 .15 .06	.02	. 04	.03	.02	1
BOURVILLE WATER WES TER HARLAN WATER WES TON 1 SW EA COLLEGE WITON		05	.09	. 16	. 05	•	٠	٠	.35		. 03	-	-27	th-												
NTON BIN CAA BILLA BLLA BLLA BLLA BLA BLA BLA BLA BLA B	. 0	05 01 02	.41	.01	. 02				.01	.01	.01	.02														
ARD // DELBRING LOCK 14 // KINS DON POST OFFICE HSA LOCK 3 SYILLE DAM 33 //	.0	03 01 01 01 06	.02 .09 .01 .03 .02	.05	.01	,02		.01	.01	. 02	.01															

					A. b	f. Hou	ır endir	ıg									P. M	. Hou	r endir	ıg					78
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
MIDDLESBORG RE STA MILLESBURG MOREREAD STA TRACE COL OLIVE BILL SALYERSYLLE SOMERST BIRAT DEPT STRARK SPRING TORRAINSYLLE	.02 .03 .05 .07 .08	.07 .01 .02 .08 .02	.02	.10 .01 .01 .01	.02	.01					_	28	th-									.01	.01	.01	.37 .02 .04 .03 .16 .10 .03 .13 .02
FLEMINGBURG FORT OFF FORDS FERRY DAM SO BOOGRAYHLES NAT PARK LEXINGTON WE AIRPORT LISENTY DAM 33 DAMPAGE STATES AND SERRY SHITHFIELD 4 S SOMERSET BINAY DEPT STRAMS WOLF CREEK DAM	-	-	-	-	-	-	-	-	.01	.01	.01	.01	.01 .01	.01	.03	.14	.13	.02	.01	.02	.01	.03	.01	.01 .01 .01	.02 .02 .01 .03 .02 .02 .03 .62 .10
ADDISON DAM 45  ADDIPTUS 1 N // EARBOURVILLE WATER WKS BAXTEB HAMLAN WATER WKS BEYTON 1 SW BERRA COLLEGE BOWLING GEEN WB AP CARROLITON LOCK 1 // CENTRAL CITY		٠		.02	. 04	.01	.03	.03	.01 * .02 .02 .12	.01	.06	.01 * .04 .01 .12	.01	.42 .03 *	.03 .01 * .01 .04	.02	. 55	.08	.02 * .17	.07	* .13	* .05	* .22	* .10	.48 .18 * .74 .01 .66 .71 .82 .24
CALIFOR  CONSTATTIVE CONSTATTI	.01	.02	*	٠	.03	.02	.01	.04	.05 .01 .02	.01	.05	.02	* .01 .07 .10 .61	* .01 .02 .01	.02	.16	* .01 .01 .20	* .05 .05	.02	* .12 .01	.08	* * .15	.03	* .01 .01	.06 * .32 .13 .19 .95 .66 .16 .44 .92 .25 .58 .91
HALEYS MILL HAZARD HEIDELBEBG LOCK 14 HERNDON BODGENVILLE NAT PARK JENKINS KNNTUCKY DAW LEXINGTON WE AIRPOBT		.01	.01	.01	.01	.01	.11	.01	.01	.06	.30	.12	.01	.07	.11 .01 .20 .24	.04	.03	.08	.01	.10	.01	.01	.04	.10	.56
LIBERTY LITTLE HICKMAN LOCK 8 // LOCALICA 1 8 LONDON POST OFFICE LONDON POST OFFICE LOUISYILLE STAN WE AP LOUISYILLE STAN WE AP LOUISYILLE STAN WE AP LOUISYILLE STAN WE AP LOUISYILLE WE CITY LUCAS	. 02		* .01 .03 .02	* .04 .02 .04	.02	.05	* .16 .08 .02 .01	.07 .04 .01	.03	.01	.01	.04 .03 *	.08	.02 .04 * .03 .21	* .09 .01 .03 .19	.11 .01 .01	.03	.21	.14	* . 24	.16	* .02	.03	.03	1.30 .33 .46 .64 * .87 .62 .33 .70 .09
MADISONVILLE 1 SE MAYSVILLE DAW 33 // MC KINNYSBURG // MIDLESSOROO RE STA MILLESSURG MORERKAD ETA TEACE COL MINPORDVILLE CULTU BILL OPENSSONO DAW 46 PADICAR CAA 6	.01	.01		.01	.03	.01	.07	.01	.01	.02	.01 .13 .10 .11	.25 .18 .09 .09 .07 .10	.05 .01 .07 .39	.46 .56 .02	.01	.01	.35 .07 * .21	.75	.09	.05				.11	.80 .50 * 1.10 2.01 .40 1.78
PADDICAL SCS NURSERY PIERVILLE SADIEVILLE VATER VORES SADIEVILLE VALUE SALVERSY LARGO SALVERSY LARGO SALVERSY LARGO TATALA SPRINGS TOMOVISSY LLE WOODBURY LOCE 4	.01	.01			.02	.39	.02	.02 .15 .01	.01 .01 .01		.09 .19 .61 .10	.11	.01	.01 .03 .05 *	.03 .04 .02 .06 .13 *	.01 .11 .04 .02 .03	.42 .17	.03	.29	.01	.02	.02	.01	.05	.04 .19 .48 .80 .67 .65 .57 .63 1.02 .35 .28
ADDISON DAM 45 ADDIPHIUS LILE WATER WES BATTER HARLAM WATER WES BERTON 1 STATE BERTON 1 STATE BERTON 1 STATE BERTON 1 STATE BOYLING GERS WE AP CARROLLTON LOCK 1 CONTRAL CUTT CONTRACTION CONTRACTION CONTRACT COT CONTRACT FOR DE EMBORYON FLEW HOSBURG POST OFF PORDS FERRY DAM 50 FREST LOCK 3 GERT LOCK 3 GERT LOCK 1 HALTE MILL HALTE MILL HALTE MILL HALTE MILL HALTE MILL HALTE MILL HERMORE LOCK 14	.03	.09 3 .09 4 .4 3 .09 1 .0	1 .01 4 * 1 .01 1 .02	.04 .04 .01 1 .01	1 .10 1 .04 .04 .04 .04 .04 .04 .04 .04	.02	3 .09 .01 .01 .01 .01 .01 .05 .04 .05 .01 .10 .09 .09 .09 .01 .03 .01 .03 .01 .03 .01 .03 .03 .01 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.08 .08 .02 * .07 .07 .10 .04 .20	. 0.5	.04 .08 .08 .01 * * .07	.01 .10 .14 .05	.05	02	.04 .09 .02 .38 .05	.08 .11	.02 .01 .05 .03	.12 .02 .03 .05 .03 .08 .05 .01 .08 .08 .08 .06 .13 .01 .04 .02	.15 .01 .05 .05 .06 .02 .10 .07 * .07 .07 .04 .07 .10 .04 .03	.08 .25 .15 .07 .10 .10 .18 * .01 .14 .01 .04 .02 .20	.15 .03 .01 .03 .31 .11 .05 .04 .35 .05 .09 .01 .49 .09 .15 .02 .07 .11 .02 .07 .03 .03	.18 .02 .04 .04 .05 .07 .09 .12 .02 .13 .13 .17 .18 .02 .01	.03 .02 .20 .38 .07 .05 .02	.05 .29 .43 .04 .03 .02 .01 * .05 .22 .05 .01 .44 .04	.04 .38 .08 .02 .34 .10	1.67 1.51 1.89 .87 1.41 1.66 .39 1.17 .54 1.09 1.59 1.69 .40 1.25 1.69
HODGENTILLE NAT PARK JENEINS EKNTUCKY DAM LEXINGTON WE AIRPORT LIBERTY //	.0:	.0	1 .03 6 .03 3 .04	5 .02	5 .08 2 .12 9 .01	.0	.10	.05	. 10 . 03 . 10	.10	.01 .04 .02	.01 .08	3 .06 L	.01	.10	.10	.11	.05 .01 .19 .09	.29	.08 .05 .04 .36	.37 .05 .02 .20	.01	.02	.07 .10 .01 .01	1.65 2.14 1.63 1.02 1.35

Station					AN	A Hou	ır endi	ng -									PN	Hou	s endi	ng					7
	1	2	3	4	5	в	7	9	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	F
TTLE HICKWAN LOCK S SALICK IS OFFICE STATES OF THE STATES	.04	.05 .05 .03 .03 .02 .02	.08 03 .01 .03 .01 .01 .03	.03 .08 * .01 .01 .01 .01 .01 * .05	.05 .02 .08 .08 .04 .03 .01	.04 .01 .07 .02	.01	.01 .05 * .03 .10 *	.01 .03 *	.02 .03 .02 .02	01 .02 * .02	.02 .02 .03	.03	01 * .03	.01	.01 .01 .04 .01	.01 • .01 .03 .04 .17 .14	.05 .08 • .05 .08 .10 .02 .01	.08 .08 .05 .04 .05 .01 .01 .02 .09 .07 .18	.24 .28 .05 .02 .03 .04 .05 .37 .10	.18 .20 * .15 .18 .18 .09 .35 .07 .01 * .11 .38 .34	.46 .81 .10 .08 .10 .09 .22 .10 .08 .08 .08	.35 .39 .07 .12 .08 .37 .03 .04 .10 .05 .18 .82	. 24 18 	I.89 2 21 1.04 .48 .77 .85 1.70 1.12 .38 .47 .80 1.88 2.28
LOUCAR CA MURSERY  LOUTAN ESS NURSERY  LOTATION OF THE TOTAL WATER FORKS  LYARS COLLEGE  LYARS C	.05 .04 .03 .02 .01 .01	.03 .07 .01 .07 .01 .01 .05	.02 .01 .02 .02 .02 .01 .02 .02	* .01 .03 .13 .01 .02 .04 .04 .01	.02 .01 .01 .01 .03 .01	* .01 .03 .08 .02 .01 .01 .04 .02	.02 .07 .14 .03	.09 .01 .02 .02 *	.09 .01 * .14 .01 .10	.13 .01 * .05 .01 .05	.08	.15 .09 .49 .05 .02 .04	.11 .09 .02 .09 .01 .01	.05 .03 .02	.01 .08 .02 .03	.04 .01 .01 .08	.01 .08 .04 .01 .01 .14 .23	.27 * .24 .02 .08 .01 .09 .15 .12	.12 * .38 .03 .13 .01 .10	.09 .37 .08 .02 .10 .09 .15	.05 .02 .01 .02 .28 .20 .08 .01 .36 .01	.04 .01 .08 .05 .33 .04 .01 .13 .01 .03 .41	.01 .02 .01 .07 .29 .09 .06 .01 .19 .23 .11	.01 .01 .10 .49 .03 .09 .15 .13 .26 .26	.85 .84 1.01 .39 1.98 1.16 .53 1.01 .21.75 1.14 1.02 1.55
DOISON OAM 45 OURPUIS 1 N BROOWRYLLE WATER WES WATER BARLAN WATER WES WATER BARLAN WATER WES WERA COLLEGES WHANG CRESS WE AP BROWNLAND LOCK 1 LINTON INTON METASTIKE WHOSE BARRETTS FORD BR WHONDON MORE ASTRET MORE BARRETTS FORD BR WHONTON MORE ASTRET MORE THE STATE MORE THE ST	.04 .41 .02 .01 .02 .01 .02 .01 .02 .01 .02 .01 .01 .02 .01 .02 .01 .01 .02 .04 .06 .48 .17 .02 .24 .11 .05 .02 .07 .05 .02 .02 .07 .05 .20 .07 .05 .20 .07 .07 .07 .07 .07 .07 .07 .07 .07 .0	.02 .19 .01 .01 .02 .02 .03 .04 .01 .01 .01 .01 .01 .01 .02 .02 .03 .04 .01 .05 .07 .02 .08 .08 .09 .08 .08 .00 .00 .00 .00 .00 .00 .00 .00	.02 .02 .02 .06 .02 .01 .01 .01 .05 .03 .05 .01 .07 .03 .05 .01 .07 .03 .05 .01 .07 .03 .05 .01 .07 .07 .07 .07 .07 .07 .07 .07 .07 .07	.01 .03 .15 .01 .10 .03 .04 .04 .04 .03 .02 .01 .02 .01 .06 .06 .06	.01 .03 .03 .03 .03 .03 .03 .01 .01 .02 .06 .02 .01 .10	.02 .21 .31 .07 .18 .02	.05 .11 .02 .02 .04 * .09 .02	.08 .09 .01 .06 .01 .01 .01 .03 .05 .03 .02 .04 .02 .04 .02	.01 .01 .03 .04 .07 .02 .02 .04 * .02 .01 .01 .01 .01 .17	.03 .03 .03 .01 .02 .01 .02 .07 .01 .01 .01 .01 .04 .04 .01	.011 .022 .022 .034 .122 .032 .022 .022 .022 .031 .010 .050 .031 .031 .032 .032 .032 .032 .032 .032 .032 .032	.02 .05 .03 .01 .07 .05 .05 .01	.01 .01 .01 .01 .01 .03 .01 .05 .04 .01 .05 .04 .02 .04 .01 .05 .05 .04	.05 .05 .01 .01 .01 .02 .03 .01 .02 .03 .01 .04 .02 .03 .01 .04 .05 .07 .03 .07 .03 .07 .03 .07 .03 .07 .03 .07 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.02 .01 .03 .04 .01 .06 .04 .18 .02 .04 .02 .05 .01 .03 .03 .01 .03 .03 .01 .04 .02	.03 .07 .01 .02 .01 .07 .09 .01 .06 .02 .02 .03 .03 .05 .04 .03 .04 .03 .04 .03 .04 .03 .04 .03 .04 .04 .04 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.02 .00 .00 .00 .00 .00 .00 .00 .00 .00	.05 .02 .06 .08 .04 .10 .05 .07 .07 .07 .06 .08 .08 .09 .04 .09 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.04 .03 .02 .04 .07 .10 .05 .05 .03 .07 .11 .05 .02 .01 .09 .04 .04 .07 .03 .04 .04 .07 .04 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.03 .01 .09 .13 .04 .06 .03 .09 .05 .06 .07 .04 .07 .04 .05 .07 .04 .05 .07 .08 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.08 .01 .08 .05 .05 .04 .05 .06 .05 .10 .02 .10 .04 .06 .05 .00 .02 .10 .00 .00 .00 .00 .00 .00 .00 .00 .00	.06 .02 .05 .01 .02 .01 .04 .08 .02 .03 .04 .08 .09 .02 .03 .04 .07 .03 .04 .07 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.04 .01 .02 .08 .06 .06 .07 .03 .11 .06 .08 .02 .03 .03 .01 .02 .05 .06 .07 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.06 .03 .03 .03 .03 .06 .03 .08 .02 .09 .01 .08 .03 .03 .03 .03 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.55 1.11 1.25 1.129 .76 86 1.17 .99 .95 1.29 1.72 .89 1.41 1.10 .55 1.20 .85 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.1
PRISTILE BOTHAN FLD  DUSTILE STAN W B AP  DUSTILE THE STAN W B AP  DUSTONILE THE STAN  DUSTONILE THE STAN  THE STAN W B AP  DUSTONILE THE STAN  LERESURG ANT STAN  LERESURG AT TACH COL  PROPORTY LIE.  JUNE BILL   .02 .01 .01 .01 .25 .08 .09 .06 .19 .16 .13 .02 .01 .05 .10 .02 .30 .01 .13 .36 .13 .02	.02 .02 .02 .02 .14 .01 .17 .01 * .19 .03 .04 .41 .02 .02 .02 .02 .03 .39 .03 .39 .12 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.03 .03 .08 .21 .02 * .07 .14 .03 .15 * .05 - .03 .02 .11 .01 .02 .02 .11 .03 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.02 .02 .05 .02 .05 .07 .09 .01 .01 .20 .13 .17 .01 .12	.01 .01 .02 * .05 .02 .04 * .10 14 .08 .09 .01 .05	.02 * .03 .08 .03 * .09 .01 .16 .03 .06 .02 .05	.01 * .05 .02  * .050501	.05 .02 .02 * .03 .01 .11 .01	.01 .01 .01 .172 .01 .15 .01 .02 .01 .02 .01 .03	.03 .02 .01 .01 .04 .02 .02 .02 .02	.01 .01 .04 .01 .02 .01 .02 .01 .07 .07	.01 * .03 .05 .03 .04 * .0505 .01 .01 .05 .01 .05 .01 .05 .01	.01 .02 .02 .07 .04 .07 .05 .01 -	.022 e .01 .03 .01 .03 .01 .09 .04 .0803 .01 .01 .0201	.01 .05 * .03 .06 .03 .04 .02 .04 .01 .01 .01 .04 .02	03 04 02 06 05 05 07 02 07 07 01 01 01 07 01 05	002 002 002 003 003 005 005 005 001 001 001 001 001 001 001	.02 .02 .01 .04 .09 .07 .02 .10 .05 .09 .07 .09 .02 .09 .02 .09 .02 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.03 .02 .05 .03 .07 .06 .13 .09 .18 .08 .17 .01 .15 .06 .01 .11 .06 .01 .11	.01 .01 .03 .05 * * .06 .11 .06 .12 .03 .28 .09 .07 - .11 .05 .05	.02 .05 .03 .11 * .02 .03 .09 .11 .04 .07 .08 .02 .03 .09 .09 .01 .05 .11 .04 .07	.05 .03 .04 .03 .11 .02 .02 .06 .08 .02 .06 .08 .03 .03 .03 .03 .03 .03	.03 .03 .03 .09 .06 .02 .07 .05 .02 .04 .06 .08 .03 .03	.03 .03 .04 .01 .11 * .04 .05 .10 .08 .09 .05 .01 - .01 .01 .05 .01		

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# DAILY TEMPERATURES

KENTUCKY JANUARY 1950

Table 5															г	law o	f mont	h										_		_			e.
Station		1	2	3	4	5	6	7	8	9 1	10	11 1	12	13		-	-		18	19 2	20 2	21 2	2 2	3 2	4 2	25	26 :	27	28 2	29	30 :	31 ,	Average
ANCSORAGE	MAX	50 44	55 50	65 54	68 32	33 27	34 32	41 23	45 20	53 28	60 37	41 21	53 33	67 52	59 30	68 28	56 26	47 27	52 27	37 22	39 17	54 23	52 41	62 52	70 57	77 62	72 33	43 25	49 24	65 38	38 27	33 31	52.8 33.6
ASHLAND DAM 29	MAX	54 27	52 41	60 48	68 54	69 34	51 36	52 34	43 21	45 20	60 28	65 29	46 27	54 31	72 32	55 28	70 33	48	58 29	56 27	32 17	34 16	52 23	54 45	63 49	78 49	30 38	67 32	39 24	64 25	68 34	38 32	56.4 31.8
BEAVER DAM	MAX	51 44	56 49	66 55	68 29	32 24	33		47		60 41	44 26	55 37	69 53	60 36	70 35	66 27	50 29	55 27	33 25	41 22	54 25	54 48	63 52	71 61	77 63	74 33	27	28	32	28	28	55.5 35.3
BENHAM	MAX	60 25	60	57 42	67 54	65 45	64 49	61 30	37 18	45 18	60 45	60 32	54 32	63 45	60 45	60 36	66 30	43 30	58 32	54 35	44 23	46 25	52 28	59 45	63 55	75 60	75 63	72 36	42 36	70 38	61 40	65 39	58.6 37.5
SEREA COLLEGE	MAX	52 45	55 47	63 53	70 52	53 34	61 38	38 27	49 19	55 42	60 36	43 25	55 39	65 50	56 32	68 35	63 29	52 28	55 28	28 22	37 18	50 27	53 45	66 51	73 60	75 63	68 36	43 28	56 27	63 55	59 31	50 33	56.0 37.3
BOWLING GREEN WB AP	MAX	52 41	57 51	66 57	65 31	37 29	37 28	44	53 23	57 45	59 36	49 27	59 40	70 55	56 35	69 40	47 30	52 31	56 30	32 25	41 23	53 26	55 48	66 53	70 62	76 63	68 34	47 30	58 28	68 36	37 31	38 34	54.6 36.8
SURGIN DIX DAM	MAX	51 45	55 49	64 54	64 52	53 32	57 35	41 27	49 21	54 32	60 51	54 25	49 34	68 49	63 33	69 32	67 31	50 28	55 34	35 26	39 19	53 30	54 44	63 52	71 56	78 61	74 43	44 27	52 27	74 52	63 30		57.0 37.5
CAMPBELLSVILLE	MAX	54 34	52 44	58 48	66 55	68 30	60 32	43 24	42 20	51 23	60 45	59 25	46 25	62 35	67 34	60 34	68 29	47 25	56 34	50 26	32 18	41 19	55 35	55 40	67 51	69 55		56 27	47 26	62 34	65 30		55.4 33.0
CORBIN CAA	MAX	54 41	57 47	65 54	73 52	57 38	63 34	42 25	53 20	57 32	64 37	47 26	53 37	66 51	56 31	70 30	54 31	50 28	56 35	35 26	44 18	54 25	54 40	62 53	73 60	75 58	70 38	43 29	56 28	65 51	51 35		57.1 37.2
DANVILLE	MAX	57 38	49 45	57 44	64 56	67 32	59 35	59 26	41 20	51 20	60 44	58 27	42 27	55 40	67 36	50 32	68 30	46 28	54 30	51 26	28 18	38 19	54 33	55 48	62 55	71 58	77 58	65 27	45 27	68 34	64 30	46 30	55.5 34.7
FARMERS	MAX	53 22	52 44	58 48	68 55	68 34	60 36	62 29	39 17	47 18	58 44	62 23	44 22	58 33	69 36	47 25	70 30	42 24	56 28	52 26	32 13	28 13	50 20	56 46	64 51	72 60	78 63	70 27	42 23	30	66 30	30	55.7 32.3
FRANKFORT LOCK 4	MAX	57 25	53 44	58 52	69 54	54 31	40 32	40 29	43 21	50 22	60 42	60 26	43 25	57 36	70 40	50 29	68 30	45 28	55 31	51 26	34 19	38 19	55 24	56 48	64 54	70 61	77 55	58 27	45 27	63 28	67 29	35 28	54.4 33.7
GREENS8URG	MAX	54 28	52 46	59 51	66 54	68 32	50 34	42 26	41 21	50 22	60 46	57 27	45 27	59 41	69 34	58 34	68 29	45 29	56 32	53 28	39 20	40 21	55 32	54 49	63 52	71 62	77 63	65 29	45 28	62 32	63 32	40 31	55.7 35.3
GREENVILLE 2 W	MAX	54 45	57 49	66 54	67 30	30 27	32 27	38 18	48 20	52 38	61 45	45 26	59 37	68 58	59 38	70 38	66 26	47 30	55 27	31 25	41 22	53 24		48	72 61	76 63	73 31	45 26	56 28	68 40	40 28	34	54.3 35.3
8 EADQUARTERS	MAX	50 44	55 47		64	34	60 32	40	40 26	56 28	57 34	23	52 32	66 50	58 28	67 34	54	50 26		29 18	35 16	46 24	40	63 49	70 56	75 63	88 36	39 24	27	51	53 28 62	51 28 45	54.6 34.5
SEIDELBERG LOCE 14	MAN	53 38	58 44	65 55	74 54	57 38	63 43	42 31	49 19	56 23	62 51	55 28	46 33	69 44	63 45	76 28	68 34	46 25	55 38	30	38 18	53 24	52 36	46	73 48	77 48	73 50	50 41	58 38	66 54	37	40	58.4 38.1
SENDERSON 4 SW	MAX	54 45	58 50	66 57	66 22	28 19	33 28	38 18	42 21	54 31	62 38	39 26	53 41	67 48	60 32	65 37	45 25	52 30	52 25	30 24	23	52 28	54 41	62 52	72 60	75 65	73 30	43 26	52 28	68 33	33 26	33 30	52.3 34.2
HINDMAN SETTLEMENT SC8	MAX	57 25	60 35	59 49	65 58	71 42	60 43	65 31	39 20	46 21	60 36	66 23	45 27	55 38	68 44	49 22	70 32	41 26	56 32	56 32	33 18	38 19	53 28	54 28	64 51	72 58 75	75 55 68	72 34	37 31	63 35	68 35		57.2 34.4
80PKINSVILLE 2 E	MAN	50 43		67 52	68 32	34 23	35 25	45 19	51 25	62 35	60 42	49 27	64 32	69 51	65 34	70 47	68 28	30	55 24	36 25	23	50 26	38	50	73 56	63	30	46 26	65 35 52	68 38			58.5 34.7 52.5
IRVINGTON	MAX	50 45	49	64 55	65 30	32 26	34 32	40 22	48 20	54 37	58 38	40 24	56 35	66 55	59 33	67 35		47 29	53 28	32 24	20	50 25	52 46	60 51 62	69 58 69	75 63	71 34	43 25	25	65 38	38 27 45	33 31	52.5 35.1 53.8
LEITCHFIELD	MAX	51 44	55 49	64 53	65 33	33 28	36 32	40 20	50 20	58 37	58 47	47 26	52 36	67 51	60 34	66 36	65 27	47 31	53 30	32 24	40 21	54 24	54 46	50 61	58	62 76	35 67	26	53 26	65 45	27	32	53.8 35.8
LEXINGTON WB AIRPORT	MAX		55 49	63 55	64 33	38 32	55 31	38 24	45 21	54 35	57 33	39 26	53 36	67 53	54 33	68 35	1 1	29	52 27	20	36 18	51 27	52 46	52	58	59	32	42 26	54 25 58	85 35 87		38 33 35	52.4 35.0 53.4
LOUISVILLE STAN W 8 AP	MAX		58	68 57	68 27	33 27	36 31	40 24	47 22	57 43	60 34	41 28	57 36	69 56	57 34	68 34	29	53 28	53 25	31 24	38 21	54 27 52	54 47	63 54	71 60	66	32	42 26	58 26 57				53.4 35.8 52.3 36.2
LOUISVILLE WB CITY	MAI	51	57 51	67 57	67 26	33 26	35 31	38 25	45 24	57 42	61 33	42 30	55 37	68 55	57 37	36		30	52 24 55	29 24	23	30	53 48	63 53	70 61	66	32	41 27	28	65 31 87			
TOAETYCEAITTE	MA	66	60	66 58	64 24	24 19	31 22	40 14	48 21	52 30	64 50	50 29	50 40	65 50			26	48 23	25	34 24	24	24	56 43	64 53	60	77 66			53 27 45	87 32 84			53.6 34.8 54.9 33.1
MADISONVILLE 1 SE	MA:	53	3 55 7 46	63 53	68	51 21	42 22	16	42 17	48 20	63 46	60 25	45 26	63 43	68 33			42 28	33	49 25	23	41 23 56	53 25	49	54	63 78	45	46	45 27 55	84 34 67	59		33,1 52,3 34,5
MAMMOTH CAVE PARK	MY	K 54	5 52 5 52	64 54		35 33	39 32	41 22	50 18	53 41	60 49	49 25	57 33	69 58			29	57 28 50	33	25 50	18	24	53 47 65	52 62	61	64	36 72	28		53		10	60.1
MANCHESTER	MA	K 51	8 80	)			65		55	57	65	56	52	68	65							45				75 61	73	45	54	88	36	33	54.2 32.5
MAYFIELD 2 S	MA	X 6:	5 59		23			13	48 19	53 35	63 42	49 25	54 36		32	37		48 28		34 22 52		26	55 41 50	66 51 52	73 59 82			69					32.5 54.2 32.5
MAYSVILLE DAM 33	MA	X 50	5 46	50	55		33	43 30		45 18			24				33	43 24 44	29	26		37 15	50 22 50	46	52 72	72 58	72	68	61	58	60	61	32.8 58.3 41.2
MIDDLESSORO	MA		7 4:	3 8:	1 65 L 58	85	1	62 32	52 21	49 32					45		3 37	31	41	33	24	62 29 49	50 44 52	50	55 72	78	72	45	54	63			58.4 37.2
MOUNT STERLING	MA	X 5	3 5 6 4	5 6- 8 5:				40 28	45 20	55 36	49	51 26	34		36	68 31	1 30	47 29 49		33	45	50	39 58	64 51 87	72 57	75	73		5.5	86	4:	35	
MURRAY	MA		6 5 7 5	9 6		32	32 25	15	52 22	54 32	83 51	52 29	61 41	. 58	3 35	5 40	0 28	32			25	25	48	87 54	62	64	32	21	28	40	28	31	38.
PADUCAS CAA	M.A	X 5	6 6	2 6	7 53	3 30	32	39	47	60	63	48	59	87	7 50	8 3	7 41 4 27	54 33	58	34	45	47 26	57 47	65 54				4:	57	68	3 3 2 6	33 30	53. 34.
	M	N 4	8 5	5 5	3 11	18	3 20	18	22	22	3.	30	Jo																				
DIKEAIITE	M/	X S	9 5	7 6 7 5	8 7	5 8:	88	58	49	81 25	68	3 48	36		2 6:	2 7	4 58 9 29	52 29	2 57	3:	7 21	60	68 35	65 49	77 51		40	3	32			1	
PRINCETON	M.	X 5		8 8	7 6	8 3	30	40						0 69	9 59	9	69 27	60	5:	7 2	9 45 5 22	55 22	55	64 54	78	6	7 7. B 3	4 4	5 2	5 89	9 3	8 34 7 31	54. 34.
	al.	41 9		3		-					1																4			1		1	

5-Continue	3

#### DAILY TEMPERATURES

KENTUCKS

Station																Day	of mo	nth															8
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Атас
ICHMOND TEACHERS COL	MIN	57 41	53 45	57 51	64 55	69 32	61 35	60 26	38 20	47 32	59 48	58 26	42 32	58 40	65 35	51 33	67 29	41 28	54 32	52 25	29 18	40 21	51 35	55 50	84 52	71 61	76 63	87 27	41 26	54 36	62 30	45 30	65.1 36.8
DSSKLLVILLE	MAX	53 42	54 47	62 51	67 60	67 35	40 30	35 21	36 22	48 28	82 38	59 38	52 28	64 42	69 35	60 35	69 28	46 28	58 32	56 27	42 23	40 23	53 31	58 60	87 66	70 62	75 48	50 25	47 27	63 28		40 32	55.9 35.2
r JOHN BETHLEHEM ACAD	MAX	53 32	52 45	59 51	65 50	52 25	34 30	35 22	40 20	47 21	68 48	66 24	40 28	61 37	87 35	55 34	66 26	42 27	53 30	46 28	30 20	38 22	50 25	55 48	65 54	69 62	74 46		42 25		88 20		62.2 32.7
CIENCE HILL	MAX	51 44	55 47	62 52		55 35	61 38	40 26	50 22	53 38	60 50	52 26	53 36	83 51	59 36	66 34	64 31	50 30	56 40	40 27	41 20	51 27	59 40	62 43	70 57	75 62	69 44	47 30	55 27	62 51	56 32	47 35	56.6 38.5
COTTSVILLE	MAX	52 45	56 49	64 52	67 35	39 33	47 33	43 24	53 19	53 35	60 49	51 29	62 36	66 55	81 36	69 42	67 38	52 31	58 37	36 26	42 23	54 27	57 48	66 52	70 59	77 64	72 38	60 30	59 30	67 50	83 33		57.4 38.4
RELBYVILLE 2 W	MAX MIN	58 34	52 45	59 50	67 49	53 27	37 30	37 23	41 19	46 20	57 42	56 23	40 25	56 35	67 34	46 30	67 26		52 30	49 24	31 16	38 19	53 24	54 47	63 53	69 61		50 25	43 24				52.3 32.0
ILL IA M3BURG	MAX	53 44	55 42		73 60	61 36	62 46	49 30	52 23	52 31	65 47	56 33	50 37	67 43	65 40	71 34	63 34	47 29	60 45	52 31	43 21	55 25	55 38	63 53	76 53	75 57	72 51	53 34	64 29	66 49	65 37		60.2 39.8
ILLIANSTOWN	MAX	54 35	51 46	57 50	65 50	53 28	34 29	36 25	37 16	41 20	56 41	57 23	36 23	56 33	65 35	45 31	66 27	40 26	50 27	45 21	26 12	34 12	51 27	53 46	61 53	69 56	75 49	50 24	37 23	59 27	83 26		50.1 31.4
DLF CREEK DAM	MAX	54 32	54 42	62 52	67 62	72 38	63 42	64 30	45 22	55 22	62 49	62 29	56 30	60 46	69 38	60 34	66 35	47 29	46 35	56 33	34 23	46 26	54 33	56 51	65 54	73 62	76 66	71 34	50 30	83 36	69 38	47 38	59.0 38.4

EV

#### EVAPORATION AND WIND

Station																	Day o	f mor	nth														
Setion		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
DLF CREEK DAM	EVAP	26	31	38	.06 107	44	.06	.13 60	* 14	.07	.00	.02	24	.16 29	.10 76	.06 23	106	,00 5	- 57	.04	* 36	.05	.01	.00	.03 81	.11	, 16 96	.06	.05	.06	.01 64	25	1.73B 1,396

ible 7

#### SNOWFALL AND SNOW ON GROUND

Station																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SHLAND DAM 29	SNOWFALL SN ON GND																											т				
EAVER DAM	SNOWFALL SN ON GND				т	т	т												т													
ENHAM	SNOWFALL SN ON GND		т														т											т				
OWLING GREEN WB AP	SNOWFALL SN ON GND						т												т	т											т	
ORBIN CAA AP	SNOWFALL SN ON GND							т									т															
ANVILLE	SNOW PALL SN ON GND						т																									
ORDS FERRY DAM 50	SHOWPALL SH ON GND					1.0	T													T								т				т
RANKFORT LOCK 4	SNOWPALL, SN ON GND					т																									т	т
OPKINSVILLE 2 E	SNOWFALL, SN ON GND						T																									
EXTINGTON WB AP	SNOWFALL, SN ON GND						Т												т								Т	т		T		
ODISVILLE STAN WB AP	SNOWFALL, SN ON GND				т	T	Т												т								т				Т	т
AMMOUTH CAVE PARK	SNOWFALL, SN ON GND						Т													т											т	
URRAY	SNOWFALL SN ON GND				T T	T													T	T												
WENSBORO	SNOWFALL SN ON GND					1.7	.1	.3 T																							т	т
ADUCAH CAA AP	6NOWFALL 3N ON GND				r <sup>4</sup>	.6	.1	.1											т								Т				T	
									_		-																					

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Station	Index No.	County	Drainage ;	Latitude	Longitude		Vatio tim ci ci	n n	Refer to tables	Station	Index No.	County	Drainage ?		Longitude	uo.	time due due due		Observer	Refer to tables
ADOLPHUS I N	0031 0043 0098	BRECKINGINGE ALLEN FLOYD JEFFERSON PIKE	1 7	37 35 38 16	86 34 86 16 82 43 85 33 82 26	380 600 650 700 1100		6A CORPS OF ENGINEERS 7A IDELL M OEARING 8A NANNIE AUXIER 7P C B BARRET 8A MARY S RATLIFF	3 4 3 4 3 2 3 5 3	LOGLICK 1 S LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN WB AP	4882 4893 4943 4951	CLARE LAUREL LAWRENCE JEFFERSON JEFFERSON		13 8	5 44	485	MID W	TA B ID U	RS B BURGHER W MC NASSER USTER SEE SENGINEERS SE WEATHER BUREAU	3 4 3 4 3 4 3 4 2 3 4 8
ASHLAND DAW 29 DARBOURVILLE WATER WES SARDSTOWN	0381 0389 0450	BOYD ENOX HELSON HARLAN OHIO	2		82 36 83 53 85 28 83 20 86 52	534 1000 637 441		6A CORPS OF ENGINEERS ID JOHN R WHARTON 7A MRS POPE SISCO ID CYRUS S LAYSON 6P E G YOUNG	2 3 5 7 3 4 9 3 4 2 9 5 7	LOUISVILLE UPPER GAGE LOUISVILLE WB CITY LOVELACEVILLE LUCAS MADISONVILLE 1 SE	4956 4967 5002 5067	BARREN HOPKIN9	7 38 7 38 6 36 3 36 3 37	58 B 53 8 19 8	8 50 6 02 7 29	435	MID M 6P 7A	ID U	S ENGINEERS IS WEATHER BUREAU LAINE WALONE SECIL H BRITT V W MC COY	3 2 3 4 5 2 3 5 3 4 2 3 4 5
SENHAM BENTON BEREA COLLEGE SEREA WATER WORKS	0611 0619 0624	HARLAN WARSHALL WADISON WAOISON WELSON	9	36 58 36 51 37 34 37 34 37 46	82 57 88 21 84 18 84 16 85 42	1580 380 1070 1100 430		8A C C WEITEAKER 110 WILLIAN NELSON 6P JAMES A GROSSMAN 7A MRS L B GAFFARD 8A WRS PAULENE COY	2 3 8 7 3 4 2 3 4 5 3 3	MAMMOTE CAVE PARE MANCHESTER MAYPIELD SUBSTA MAYFIELD 2 S MAYSVILLE DAM 33	5110 5230 5230 5240	CLAY GRAVES GRAVES MASON	3 37 4 37 6 36 6 36 7 38	09 8 44 8 42 8 38 8	3 46 8 39 8 38 3 42	800 450 364 364 524	SP 6A	5P H 6A C	MATIONAL PARK SERV LARL HOWARD TVA TVA TVA TVA TVA TVA TVA TVA	2 3 5 2 3 5 3 2 3 8 2 3 4 5
BOWLING GREEN BOWLING GREEN WB AP BRENT DAM 36 BROWNSVILLE LOCK 6	0907 0909	WARREN WARREN WARREN CAMPBELL EDMONSON	3 7	37 00 37 01 36 58 39 03 37 12	86 26 86 26 86 26 84 25 86 16	536 470 535 489 410	мто	TA JAMES R EDWARDS TVA HID US WEATHER BUREAU TA CORPS OF ENGINEERS TA CORPS OF ENGINEERS	3 3 2 3 4 5 7 3 3	MC KINNEYSBURG MIOOLESBORO MIODLESBORO RR STA MIDWAY 2 S MILLERSBURG	538: 539- 540: 543:	PENDLETON BELL BELL WOODFORD BOURBON	5 38 2 36 2 36 4 38 3 38	37 8 37 8 07 8 18 8	3 43 1	610 1128 1130 805	5P M	ID E 8A 8A	MANDA A MOLLEN PRANE M TALIAFERRO JOHN B NUGENT M T ALEXANDER MES O M LAWLER	23 5 3 4 3 3 4 3
BURGIN DIX DAM BURNSIDE CADIZ LOCK E CAMPBELLSY ILLE CARROLLTON LOCK 1	1156 1206 1256	MERCER PULASKI TRIOG TAYLOR CARROLL	2 3 4	37 48 36 59 36 46 37 20 38 41	84 43 84 37 87 58 85 21 85 11	777 480	4P 7A	SA C W WILLIAMS TA SARAH E LEWIS TA CORPS OF ENGINEERS TA ALVA MC EINLEY TA CORPS OF ENGINEERS	2 3 5 6 3 3 2 3 5 3 4	MILLERSTOWN MONTICELLO MOREHEAD STA TEACH CO MOUNT STEELING MUNFORDVILLE MUTERAT	552 555 564 568	GRAYSON WAYNE ROWAN MONTGOMERY HART CALLOWAY	2 36 5 38 5 38 3 37 9 36	50 8 11 8 03 8 16 8	4 51 3 26 3 57 5 53	910 770 930 600	5P	7A 1	E O COOPER H C HAGGAN FRED CARTMILL HUBERT E HODGES	3 4 2 3 5 3 4 2 3 5
CENTRAL CITY WATER WXS CLINTON COLLEGE HILL LOCK 11 COLLEGE ALL LOCK 12 COLSTANTINE	1631	MUSHLENBERG HICKMAN MAOISON ADAIR BRECKINRIDGE	3 3	37 19 36 41 37 47 37 06 37 40	87 07 89 00 84 06 85 18 86 14	729 800		MID WILLIAM A CATES MIO WOOCSON O FRANKLIN 7A CORPS OF ENGINEERS 7A MES HAZEL B PICKET MIO MRS GLENNIE L SHAR		OLIVE HILL OLNEY ONEONTA OAM 35 OWENSBORO	801 602 603 609	CARTER DROPKINS CAMPRELL DAVIESS	7 38 7 37 7 38 7 37	I8 8 13 8 58 8 46 8	3 11 37 47 34 18 37 09	752 360 497 420	6P	8A 6A 7A	CHARLES M CRAWFORD ART D WILLIAMS CORPS OF BRGINEBRS VIRGIL P CLARK	3 4 3 3 2 3 5 3 4
COMBIN CAA COMBIN WATER WORKS COVINGTON WE AIRPORT CYNTHIANA DANVILLE	1806 1855 1998	WHITLEY WHITLEY KENTON HARRISON BOYLE	7 5	36 58 36 57 39 04 38 23 37 38	84 08 84 06 84 40 84 18 84 46	1070 869 684	MID 7A	MIO CAA TA CORBIN WATER WORKS MID US WEATHER BUREAU TA MARSHALL HILL TA R P COLDIRON	2 3 5 7	OWENSBORO DAM 46 PADUCAH NO 5 FIRE STA PADUCAH SCS NURSERY PAOUCAH CAA AP PAINTSVILLE	611 611 611 613	6 DAVIESS 5 MC CRACKEN 7 MC CRACKEN 0 MC CRACKEN 6 JOHNSON 3 PIKE	7 37 7 37 7 37 7 37 7 37 1 37	04 1 49 1	37 08 38 37 38 35 38 46 32 48		NID I	ID 7A	CORPS OF ENGINEERS WESTERN P LACKEY SOIL CONSERV SERV U S CIVIL AERO ADM JESSE FAIRCUILD	2 3 5 3 4 2 3 4 5 3
OAVELLA DELPHIA OEMA DUNGEE BARRETTS FORD BR DUNGE	2131 2139 2358	MARTIN PERRY ENOTT OHIO WURLENBERG	1 3	37 48 37 02 37 25 37 33 37 05	82 48 86 43	850 430		MID BERTHA DE LONG 8A RALPH R BEALL 8A HATTIE B BARNEY 7A J L HUFF 7A N D GIVENS	3 4 3 3 3 4 3	PIKEVILLE PINEVILLE PLEASUREVILLE 2 S PRINCETON RAVENNA LOCK 12 BICHNOND E STATE COL	638 643 657 667	4 BELL 5 SHELDY 5 CALDWELL 9 ESTILL 5 MAGISON	2 36 4 38 2 37 4 37	45 20 06 40	83 42 85 07 87 53 83 57	999 882 529 631			US WEATHER BUREAU F PARTIN E 8 MORGAN ALTON M HARVILL CORPS OF ENGINEERS	3 2 3 5 3 2 3 5
DURNVILLE ECOYVILLE LOCK F EDMONTON ELIZABETHTOWN FALMOUTB	2445 2465 2510	CASEY LYON METCALFE RARDIN PENDLETON	3 3 5	37 13 37 03 37 00 37 42 38 40	85 37 85 52 84 20	420		8A LINNIE D TARTER 7A CORPS OF ENGINEERS 7A JOHN B MORAN 7A ROBERT E SETTLE 8A JESSIE OLDHAM	3 3	RUMSEY LOCK 2 RUSSELLVILLE RUSSELLVILLE 9UBSTA SADIEVILLE WATER WORK	703 704 705 88 707	9 MC LEAN 9 LOCAN 4 LOCAN 4 SCOTT	3 37 3 38 3 36 4 38 8 37	32 51 50 23	87 16 86 53 86 54 84 32	384 590 576 890		MID	THOMAS C MERNDON CORPS OF ENGINEERS DR S S MC REYNOLDS TVA RICHARD E ZEYSING SISTER B M GSELL	3 4 2 3 5 3 4 2 3 5
FARMERS FLEWINGSBURG FLEWINGSBURG POST OFFIC FORD LOCK IO FORDS FERRY DAW 50	2900 E2900	ROWAN  PLEWING PLEWING MADISON CRITTENDEN	5 4	38 09 38 25 38 25 37 53 37 28	83 44 83 44 84 1	870 750 5 593	7A 4P	7A MRS C C STAMPER 7A BYRON F FLEMING MID MAURICE O CARPENTE 6A CORPS OF ENGINEERS 6A CORPS OF ENGINEERS	2345 7	ST JOHN BETHLEHEM AC. ST MARY SALVISA LOCK 6 SALVERSVILLE SCIENCE HILL SCOTTSVILLE	705 713 713 720	6 MARION 1 MERCER 19 MACOPFIN 12 PULASKI	8 37 4 37 5 37 2 37	35 56 45 11	85 21 84 49 83 04 84 39 86 12	730 520 900	6P	MID 6P	ST MARY COLLEGE CORPS OF ENGINEERS J M MAY WILLIAM H DOUBS	3 4 3 4 2 3 5 2 3 5
FRANKFORT LOCK 4 FRANKLIN WATER WORKS FRENCHBURG 1 SW GEORGETOWN WATER WORKS GEST LOCK 3	3031	B FRANKLIN 6 SIMPSON 2 MENIFEE 4 SCOTT 3 HENRY	3 5 4	38 13 36 43 37 57 38 12 38 25	86 3- 83 31 84 3: 84 5:	691 9 3 880 3 490	6A	6A CORPS OF ENGINEERS 7A HERMAN D NEAL 8A PRENCHBURG SCHOOL 8A JOE W ATKINS 7A CORPS OF ENGINEERS	18 3 4 3 3	SEBREE WATER WORKS SHELDYVILLE 2 W SHEPHERDSVILLE SWITHFIELD 4 S	72: 73: 73: 74:	MESSTER MESSTE	3 37 8 36 8 37 8 38	36 13 59 20	87 32 85 16 85 44 85 16 84 35		7A	7A 7A MIO	SEBREE WATER HORRS WILLA S A RATTA CONRAO MARAMAN P W SIMPSON COYLE A WILSON	3 2 3 5 3 3 4 3 4
GLASGOW GOOMAR AFBU FT KNOX GRANT OAM 38 GRAYSON GREENSBURG	328 335 339	1 BARREM 0 HARDIN 8 BOONE I CARTER 0 GREEN	2	37 00 7 37 54 7 38 59 7 38 19 8 37 16	85 5 84 4 82 5	9 506 7 589	7.6	7A OSA L POLLIS MID US AIR PORCE 6A CORPS OF ENGINEER: 8A SRIRLET I STATEN 7A WRS WELL W LINGLE	2 3 5	SOMERSET HIWAY DEPT SPRINGFIELD STEARNS SUMMER SHADE SUBSTA TATHAM SPRINGS	76° 76° 78° 79°	77 PULASE I MASHINGTON MC CREARY METCALFE MASRINGTON MB OPENCER	8 31 2 36 3 36 8 31	41 5 42 5 53 7 52	85 14 84 29 85 40 85 09 85 21			MID MID	WM H COATLEY C B CHITWOOD TVA R C DEOMAN	3 3 4 3 3 4 3
GREENSBURG HIWAY 81 BR GREENUP DAM 30 GREENVILLE 2 W HALEYS MILL HARTFORD 6 N	344 345 353	5 GREEN 3 GREENUP 1 MUHLENBERG 9 CHRISTIAN 2 OHIO	20.00	37 15 7 38 37 3 37 12 3 37 03 3 37 32	82 5	1 540 2 519 0 740	5P	7A MENNETH STOTTS 7A CORPS OF ENGINEERS 5P C R LOVELL MIO CLEATUS E BRINELE 6P W R CARSON SR	2 3 5	TAYLORSVILLE TOMPKINSVILLE TOMPKINSVILLE TEL OF TURKEY CREEK SCHOOL TYRONE LOCK 5	F 80 81 81	SO MONROE	3 36 3 36 9 36 4 31	42 42 45 45 3 02	85 41 85 41 88 05 84 51 87 57	899 899 350 524		MID 7A 7A	JAMES T PHILPOTT MRS ALICE H HALE TYA CORPS OF ENGINEERS CORPS OF ENGINEERS	3 4 3 3 3 3 4
HAZARD HEADQUARTERS HE TOELSERG LOCK I4 HENDERSON 4 SW HERNDON	372 374 376	9 PERRY 12 NICBOLA9 11 LEE 12 HENDERSON 16 CHRISTIAN		4 37 13 3 38 24 4 37 33 7 37 41 2 38 44	84 0	7 860 6 663	61 51 61	6A CORPS OF ENGINEER	3 4 2 3 5 2 3 4 5 7 2 3 5 3 4	UNIONTOWN CAM 49 VALLEY VIEW LOCK 9 VANCBBURG CAM 32 WAYNESBURG 6 E WE9T LIBERTY WATER W	82 82 84 KS 85	46 MADISON 59 LEW1S 36 LINCOLN 51 MORGAN	4 37 7 34 2 3 5 3	7 51 8 38 7 22 7 55	84 26 83 21 84 34 83 15	525 1215	7A	7A 7A 7A 7A	CORPS OF ENGINEERS CORPS OF ENGINEERS FRANK HOECE JOHN W TURNER CHARLES B WEST	3 3 3 2 3 5
BICKSVILLE BIGH BBIDGE LOCK 7 BINOMAN SETTLEMENT SCH BODGENVILLE NAT PARK BOPKINSVILLE 2 E	383 389	GRAVES GRAVES GRAVES GRAVE GRAVE GRAVE GRAVE GRAVE GRAVE GRAVE GRAVE GRAVE GRAVE GRAVE GRAVES GRAVE GRAVES		9 36 44 4 37 45 4 37 26 3 37 33 2 36 53	84 4 82 5 85 4	3 9 1080	8/	MIO C C SELF 8A W K MORRI9	2 3 5 7 3 4 2 3 5 7	WILLIAMSTOWN WILLOW LOCK 13 WOLFE CREEK DAM WOODBURY LOCE 4	87 87 88	06 WHITLEY 14 GRANT 24 LEE 07 RUSSELL 24 BUTLER	5 31 4 3° 2 3	7 36	84 10 84 34 83 50 85 08 86 38	943 646 610	7A 7A 8A	7A 7A 8A 7A	MISS N B 91MPSON CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS	23456
HYDEN IRVINGTON JACKSOM JENKINS JEREINS WATER WORKS	416	93 LESLIE 95 BRECKENRID 96 BREATHITT 16 LETCHER 41 LETCHER	-	4 37 10 3 37 50 4 37 30 1 37 10 1 37 10	3 86 1 3 83 2 0 82 3 0 82 3	7 646 3 776 18 1600 18 1600		7A MR W M GILLESPIE MIO BIBBERT SLKINS 7A BILLEE L. WILLIAM	2 3 5 7 3 3 4 3 3 4											
JEREMIAH KERME 2 M KENTUCKY OAM LANCASTER ICE PLANT LAURA	436 441 461	55 LETCHER 59 JESSANINE 14 LIVINGSTON 20 GARRARD 42 MARTIN		4 37 1 4 37 5 9 37 0 4 37 3 1 37 4	8 84 1 88 7 84 5 82	35 1032 26		7A MRS SUSAN F 190N 7A MARION W MANIN 7A TVA 8A MENTUCKY UTIL CO 8A JAMES A FIELD	3 3 3 4 3 3											1
LEXTREFIELD LEXINGTON WE AIRPORT LIBERTY LITTLE BICKMAN LOCK 8 LOCKPORT LOCK 2	47	CG GRAYSON 48 FAVETTE 55 CASEY 25 JESSANINE 57 HENRY		3 37 2 4 38 0 3 37 2 4 37 4 4 38 2	2 84 3	36 879 55 35 560	мі	8A GEORGE D LITSBY MIO US WEATHER BUREAU 7A PALLIA L HANKLA 7A CORPS OF ENGINEES 6A CORPS OF ENGINEES	2 3 5 7 2 3 4 5 7 3 4 3 5 3 6	1 DRAINAGE CODE: 1 8	Big Sa Dhio;	ndy; 2 Cumbs: 8 SaIt; 9 Te	land; 3	Gree	n; 4 K	Centuci	ky; 5	Lie	king; 6 Mississippi	

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and lettere following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this builetin.

Monthly and seasonal enowiell for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

this a otherwise indicated, diseasions) units used in this bulletis are: Temperatures in '7, precipitation and evaporation in inches, and wind sovement in miles. Exaporation is sensured in the student Weather Bureau 1990 pan of 4 foot diseater unless otherwise shown by Tootsote Tollowing Third 6.

rith July 1948. Slast and hail were included in snowfall avorages in Table 1, hegin

Amounts in Table 4 are from recording gages. Traces are not shown. Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Annuls in said a are into poly-reciping cycle, where discrete illecture.
Date is Tables 3, 5, 6 and monifal data in Table 7 are for the 2 hours ending at time of observation. See the distince index for observation time.

The is Tables 3, 5, 6 and monifal data in Table 7 are in the property of the control

Provide in Table 7 is at observation time for all except Weather Dureau and CAA stations. For these stations uses on ground values are at 7300 p.m. E.D.T.

No record in Tables 2, 4, 6, 7 and the Station Index. Be record in Tables 2 and 3 in indicated by no entry. Then hearly precipitation is missing or accumulated for everal days, only the first and least days are above in Table 4.

/ Comparing the station of the station o Subscription Price: 15 casts per copy mately and annel 35.50 per pair. (Tearly subscription includes the Annel Passary.) Checks, posts) forte and many orders.

Conter, GO Dat Office building, Chatteness 2. Tearly subscriptions should be sent to the bester decade Processing Conter, GO Dat Office building, Chatteness 2. Tearly subscriptions should be sent to the bester decade Processing Conter, GO Dat Office building, Chatteness 2. Tearly subscriptions of the sent to the bester decade Processing Conter, GO Dat Office building, Chatteness 2. Tearly subscriptions and the sent to the bester decade Processing Conter, GO Dat Office building, Chatteness 2. Tearly subscriptions are content to the sent to the bester decade Processing Content to the sent to the bester decade Processing Content to the sent to the bester decade Processing Content to the sent to the bester decade Processing Content to the bester decade Processing Content to the sent to the bester decade Processing Content to the sent to the bester decade Processing Content to the sent to the bester decade Processing Content to the best Content to the bester decade Processing Content to the best THE LIBRARY OF THE

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U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief . ILLURDS SECTION

AUG 25 1950

# CLIMATOLOGICAL DATA

KENTUCKY

FEBRUARY 1950 Volume XLV No. 2



#### KENTUCKY - FEBRUARY 1950

O. K. Anderson, Section Director - Louisville

#### Weather Summary

The warm moist weather of January continued into February. Both temperature and precipitation were above normal but not near the record-breaking amounts of last month. Farm activities were below normal and crops slightly advanced. Floods and high water prevailed generally throughout the month.

Temperatures were near seasonal at the beginning of the month but by the 5th had begun a slow rise and from the Temperatures were near seasonal at the beginning of the month but by the 5th had begun a slow rise and from the 5th through the 14th were much above normal. Departures during this period ranged from 10 to 20 degrees above the normal. From the 14th to the 25th readings varied but slightly from the mean. The period of the 25th through the 27th was the coldest interval in the month with negative departures of 15 to 20 degrees. The highest daily temperature for the month was generally on the 8th or 9th in the western section and on the 13th, 14th, or 15th in the rest of the state. The lowest reading was generally on the 26th or 27th. Each section of the state had plus departures from the normal. The mean temperature for the state was 40.0°, which is 2.7° above normal for the month. The monthly mean temperature ranged from 45.1° at Middlesboro to 34.2° at Williamstown. The highest temperature recorded in the state was 79° at Pikeville on the 14th and the lowest -1° at Covington Weather Bureau direction to the 26th. Airport on the 26th.

Precipitation again was above normal. Rainfall was unequally distributed with the progression of larger amounts going from the west to the east. Amounts were generally heavy in the west and in some sections excessive. Rainfall was comparatively light in the extreme east. The greatest falls occurred during the first half of the month. Snowfall was much below the February normal with the average amount being the third lowest on record. All sections, except for a few stations in the east, recorded plus departures from the normal in precipitation. The sections, except for a few stations in the east, recorded plus departures from the normal in precipitation. The average precipitation for the state was 5.30 inches which is 1.79 inches above normal for February. The total amounts recorded at various stations ranged from 10.14 inches at Lovelaceville to 2.40 inches at Louisa Lock 3. The heaviest rainfall reported in any one day was 4.13 inches at Clinton on the 12th. The monthly average of snowfall was 0.2 inch or 3.3 inches less than normal. The greatest monthly amount was 3.6 at Ashland, Dam 29. The greatest depth on the ground was 4 inches at Ashland, Dam 29, and Oneonta, Dam 35, on the 26th.

The prevailing unseasonably warm weather was favorable for crop growth, which was slightly advanced by the end of the month. However, continued wet conditions were unfavorable for general farm activity. Principal activities during the month were burning of tobacco seed beds, fencing, and maintenance. Scattered plowing was taking place but dry weather was needed in most sections. Grains and grasses were mostly good. Although grasses furnished some pasturage, stock feeding continued heavy. Water damage was reported to winter grains and pastures throughout the month especially in the lowlands of the western and southern counties. Some soil erosion was reported at the beginning of the month.

On February 8th, a wind, rain, and electrical storm hit Louisville. Damage amounting to about \$2,000 was caused by flash floods, lightning, and wind.

A period of general rain at the end of January and beginning of February prolonged the high water marks of January and brought new flood conditions in February. The Ohio River exceeded the January crest of 52 feet at Paducah by a foot and the crest of 59.7 feet at Louisville by almost 4 feet. The flood in the Green River mearly equalled that of January. The Kentucky and Licking Rivers exceeded their January crests by a few feet at most places. Litt rain fell in this area in the latter part of the month and rivers began to recede to their normal levels. Flood dage was chiefly in the form of loss of income due to suspension of business and for cost of evacuation of personnel and property from low-lying areas.

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#### ACKNOWLEDGMENTS

In addition to the climatological data from come 6,000 Weather Bureau and cooperative eacher stations, this bulletin sories contains records from Bydroclimatic Newtown Stations which were formerly reproduced in the Bydroclimatic Network Stations which were formerly reproduced in the Bydroclimatic Series. The Bydroclimatic Network is a nationated set of rain gages—mosely of the recording type which produce continuous racords of precipitations of restablished in seven existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering shout related works by the Corps of Engineers. This Network, now numbering shout related works by the Corps of Engineers. The state of the Corps of Engineers where the Corps of Engineers. These transferred annually to the Venter Bureau by the Corps of Engineers. These transfers averaged shout \$250,000 per year batteen 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-52, the Department of Agriculture transferred shout \$250,000 per year battee of the Corps of Engineers and the

Previous to the introduction of this bulletin series, data from Rydroclimat Network stations were presented in bulletins (Rydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire Bute States, but since the Network was sutahlished to meet the introduction ents of the Federal age and the state of the state of the state of the states, but since the Network was sutahlished to meet the introduce and said of the state of

Many other records published in this hulletin have been made available through the cooperation of various public offices, private agencies, individuals as listed in the Station Index.

#### SUPPLEMENTAL DATA

KENTIKKY

	Wind	direction		Wind	speed p. h		Relati		idity ave	rages		Numl	er of d	ys with	precipi	tation			Unser	r
Station	Prevailing	percent of time from preventing	Average	Fasteet	Direction of fastest mile	Date of fastest mile	1:30 a EST	7:30 s EST	1:30 p EST	7:30 p	Trace	01-09	10-49	50-99	100-199	2 00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to s	Degree day
LEXINGTON AIRPORT	SSW	12	13.1	-	-	-	79	80	66	75	9	2	7	4	0	0	22		7.4	751
LOUISVILLE AIRPORT	жиж	11	8,9	37	8	28	76	78	84	69	4	4	6	1	2	0	17	41	7.1	720

#### COMPARATIVE DATA

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able 1														p						
	Te	mperatu:	re	Pi	recipitatio	on		Te	mperatu	re	Pr	ecipitatio	n		Te	mperatur	0	Pr	ecipitatio	n
Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more
1889 1890 1891 1892 1893 1895 1896 1897 1900 1901 1902 1903 1904 1905 1906 1907 1907	34.1 45.6 42.2 42.2 37.7 34.6 25.9 37.4 39.8 37.4 26.2 32.5 32.4 27.9 37.5 35.2 27.9 37.5	74 86 76 70 70 70 74 80 81 76 77 71 69 75 75 67 75 73	3 16 0 11 3 2 -18 -12 8 -3 -3 -9 1 1 3 -16 -12 -16 -12 -10 2	1.91 7.98 4.72 2.92 4.40 4.66 0.66 5.75 1.61 3.97 4.68 1.27 1.30 7.28 2.32 2.44 1.81 3.06 5.56	1.2 2.6 10.8 7.0 2.1 2.8 6.1 2.6 3.9 7.6		1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1939	42.0 29.7 34.8 32.2 41.9 35.0 34.8 39.3 38.6 35.7 41.3 34.6 36.0 44.0 41.1 45.6 38.1 31.2	80 68 77 69 75 72 80 83 69 71 77 76 74 71 76 70 81 72 68	11 -14 -2 -2 -13 -4 -9 -8 12 0 11 4 -4 -9 8 8	3.25 3.08 2.94 4.14 1.74 2.99 3.51 2.04 1.79 2.27 3.20 3.58 4.67 2.56 3.91 3.14 2.65 2.48 3.58 3.49	0.4 3.3 1.4 7.2 0.2 5.0 4.7 0.6 1.1 3.8 8.9 0.8 1.9 0.6 1.9 0.6	9 7 7 7 11 8 9 8 7 7 9 9 10 10 9 9 11 11 10 9 8 8	1933 1934 1935 1936 1937 1938 1949 1941 1942 1943 1944 1945 1946 1947	37.5 31.8 40.1 32.1 38.3 45.7 40.3 36.1 33.1 40.1 42.4 38.9 40.8 28.9	75 72 73 79 78 77 79 68 68 67 73 78 75 66	- 9 -19 -14 -11 - 5 - 2 - 3 - 2 - 5 - 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3	4.25 2.20 2.35 2.40 2.39 8.03 4.56 0.66 2.62 1.81 4.59 6.37 5.23 0.54 5.31 5.35 5.30 3.51	4.4 8.0 0.6 5.5 4.2 0.6 4.0 5.6 2.1 3.2 1.3 2.7 1.6 2.6 5.0 9.5 0.1 0.3 3.5	12 7 8 9 10 11 14 13 6 10 7 12 12 11 5
1909	42.4	75	- 8	8.17	1.0	11	1931	41.6	76 82	12 15	3.20	0.3 T	8 8							

Table 2						, 1311.1.			<u> </u>									
				Temperat	ure								Precipitation	ac				
							No. o	t days		_			Snow	, Sleet, Ha	úl	No	o of day	
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32* or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
WESTERN DIVISION																		
BEAVER DAM FORDS FERRY DAM 50 GREENVILLE 2 W HENDERSON 4 SW HOPKINSVILLE 2 E	41.1M 41.0 40.9 40.5 42.0	3.2 1.6 4.1 2.7	67 64 68 64 70	8+ 13 8 6 8	16 12 11 14	26 26 26 26 26	0 0 0 0	17 17 18 16	6.23 6.64 5.80 6.51 5.13	2.79 3.52 2.43 3.57 1.47	1.48 1.99 1.45 1.86 1.59	14 22 9+ 12 14	0 T 0 T	т	15	10 10 9 11 7	6 5 7 8 5	3 3 2 2 2 3
LOVELACEVILLE MADISONVILLE 1 SE MAYFIELD 2 S MURRAY OWENSBORO	41.9 39.0 41.3 43.5 39.8	1.9 1.2 2.6 3.4	65 68 69 71 66	8+ 9 8 8	16 13 13 17 11	26 26 26 26 26 26	0 0 0 0	17 21 17 17 16	10.14 5.13 7.48 6.96 5.94	6.24 4.13 2.97 3.09	3.25 1.22 1.91 1.67 1.22	13 14 13 12 14	0 0 0 0 T			7 10 10 9 12	7 6 6 7 6	3 2 3 3 3
PADUCAH CAA PADUCAH NO 5 FIRE STA PRINCETON RUSSELLVILLE	41.0 40.4 42.1 40.6	.9 3.3 2.4	67 67 71 70	8 9 8 9	16 16 15 15	26 27 26 27	0 0 0	18 20 17 17	8.01 9.97 7.96 5.89	6.35 4.61 2.43	3.55 3.75 1.91 2.31	12 13 12 14,	T 0 0			9 10 10 7	5 6 7	3 4 1
DIVISION	41.1								6.99				т					
CENTRAL DIVISION																		
ANCHORAGE BOWLING GREEN WB AP BURGIN DIX DAN CAMPBELLSVILLE COVINGTON WB AIRPORT	38.5 41.2 41.2 39.0 35.2	3.7 1.9 1.4	67 68 70 69 66	13 13 13 14 14	8 17 12 5 - 1	26 26 26 27 26	0 0 0 0	21 18 15 18 21	6.50 5.45 2.84 3.70 5.58	3.68 1.43 36	2.27 .95 .83 .73 2.06	8 14 9 1 8	T T T T 2.9	т 3	16 25	12 12 8 11 13	8 7 4 6 8	1 0 0 0 1
DANVILLE FRANKFORT LOCK 4 GREENSBURG IRVINGTON LEITCHPIELD	38.1 38.5 39.4 39.7 40.1	1.9 1.7 2.3 2.8 3.3	69 70 69 64 65	14 14 14 13 13+	12 9 15 10 12	26 26+ 26 26 26	0 0 0 0	19 19 18 17 18	3.68 4.59 4.12 5.09 5.72	.02 1.22 .51 2.03 2.21	1.11 1.55 .82 1.53 1.70	1 9 9 14 14	T T 0 0			12 11 6 12 12	6 5 6 6	1 1 0 1 2
LEXINGTON WB AIRPORT LOUISVILLE STAN WB LOUISVILLE WB CITY MANMOTH CAVE PARK ST JOHN BETHLEHEM A	37.9 39.0 39.0 40.8 37.3	2.5 3.0 1.8 3.8 1.5	67 68 66 67 65	13 13 13 13 14	10 11 12 11 9	26 26 26 27 27	0 0 0 0	21 19 18 16 20	3.64 5.72 6.33 7.01 5.80	.02 2.17 2.78 2.89 2.22	1.84 1.99 1.66 1.45	1 8 8 14 1	T T T O	т	15+	13 13 13 11 7	6 7 7 6 7	0 2 2 3 3
SCIENCE HILL SCOTTSVILLE SHELBYVILLE 2 W WILLIAMSTOWN WOLF CREEK DAM	41.6 43.2 36.8 34.2 42.9	5.0 1.6 2	69 68 66 68 72	13 13 14 15 14	15 17 7 0 17	27 27 26+ 26+ 27	0 0 0 0	16 13 23 23 17	5.07 6.53 7.24 4.98 4.96	1.41 3.62 2.03	1.41 1.93 2.88 2.00 1.64	9 14 9 9	T 0 T 1.5	2	26	11 10 12 15 13	6 8 5 6 5	2 2 2 1 1
DIVISION	39.2								5.23				0.2					
EASTERN DIVISION																		
ASHLAND DAM 29 BENHAM BEREA COLLEGE CORBIN CAA FARMERS	37.7 41.1 39.2 41.0 36.1M	.7 1.3 7	76 71 71 71	15 15 13 13	6 14 13 11 7	27 27 26 27 26+	0 0 0 0	21 18 20 20 21	3.37 4.72 3.72 4.09 3.52	.47	1.33 1.04 .94 1.36 1.47	1 2 1 9	3.6 T T T	4 T	26 15 26	13 16 13 13 14	4 8 5 4 3	1 1 0 2 1
HEIDELBERG LOCK 14 HINDMAN SETTLEMENT MANCHESTER MAYSVILLE DAM 33 MIDDLESBORO	41.6 39.4 35.9 45.1	3.9 1.3 5.3	72 75 66 70	13 15 15 13+	11 10 3 16	27 27 26 27	0 0 0	15 20 21 15	3.65 4.19 4.96 5.09 7.03	03 1.91 2.83	.82 1.20 1.67 1.80 1.69	9 2 2 9	0 T T 2.5	3	26	13 14 10 14 10	6 4 5 6 8	0 1 2 1 2
HOUNT STERLING PIKEVILLE RICHMOND TEACHERS COLLEGE WEST LIBERTY WATER WILLIAMSURG	40.1 43.3 38.1	5.5 4.8 1.1 4.9	70 79 70	13 14 14	9 15 11	26 27 26 27	0 0 0	16 15 20	3.43 3.99 4.01 3.51 5.16	19 .60 .67	.93 1.35 1.16 .95 1.30	9 2 1 1	1.0 0 T T	т	27	10 12 12 14 14	7 4 4	0 1 1 0 3
DIVISION	40.2								4,30	-			0.5					
STATE	40.0	2.7							5,30	1.79			0.2					

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## DAILY PRECIPITATION

23.971F E

able 3																														PFIII	UARY	19:50
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	16	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
DDISON DAM 45 2 NOLPHUS I N LEW FCHORAG K HECAMP	80 31 .80 .63	. 88 . 03 1. 20	T 10		. 02	.15 .04 08 14	.02	54 2.27	85 98 .62 .51 .60	.11		25 15 72	.85 .78 .15 .26	1.58 1.58	.05 15	T T	т	.04	10 I1		06	.85 .14 22 55	T .02	.02	T	05 T		.85 T 08				5.87 5.64 3.39 8.50 3.22
HLAWO DAM 36 RHOURVILLE WATER WE R RUSTOWN	1.33 1.61 1.40 1.54	55 .07 .17 .07	09			05 .40 08 .48	.08 21 .35 .02	81	66 1.01 .64 1.05	.04	Т	.06	T .73 80	.08 .08 .81 .28 1.49	.02			.08	.07	T	. 03	.05 29 .35 -42 .71	.19			. 17		.43				3 37 4 22 4 43 4.78 5.23
NRIAM R NTOW R REA COLLEGE Z REA WATER WORKS STON 2 BW	34 .52 94 .84 1,33		. I1			.10	. 63	. 04	.75 .74 .18 .58	.31		2.42 .32 .29	.93 .03 .42 .84	.09 .13 .43 .45 1.08	.39 T .16	.11 T .02	.03 T	.05 .05 .03	.08		.69	.19 43 .59 .40	. 26			. 25 . 01 T		T .69 .20				4 72 5.74 3.72 5.85 4.73
WLING OREEW WB AP Z ENT DAW 56 OWNSVILLE LOCK 6	98 1.00 .99 .32 1.05	.75 .59 .12 .16	.05			.04 .06 .07 .09	12 T	. 59	.95 .70 .15 2.32 .55	T T		. 49 . 02 . 79	. 42 . 49 . 81 . 49 . 42	1.45 1.43 .95 .59 1.21	.08 .08 T .21	.01		.06	.09	т	.16	. 26 . 40 . 40 . 91 . 39	.31 .04 T .35	.01		T . 15		. 54				5.93 4.93 5.45 5.45 4.40
RGIW OIX DAM	.80 1.48 .73 .40	. 25 . 65 . 23 . 44 . 10	.03			T .15	. 47		.93 1.38 .92 .92 2.15	т		T .07 .92 .71	.80 .23 .82 .09 .55	.23 .24 1.25 .40 .95	.23 .18 .05 T	T T T			T .07 .18 .09 .15			.57 .52 .95 .49	.10 .29 .02		T	. 05		. 19				2.94 4.99 8.95 3.70 5.21
STRAL CITY R	.57 .57 1.09 .60	.07 .15 .59 .51	.05			.02		. 56 . 20	.02 .87 1.47	.10	. 06	1.40 4.15	1.41 1.90 .28 .57	.41 .19 .28	. 06			.08	.10		.09	.43 .43 .41 .41	. 13				т	.30				5.16 9.23 3.35 4.73 5.95
RBIN CAA RBIW WATER WORKS VINGTOW W 9 AIRPORT	1.05 .95 .51 .79 1.11	.10 .50 .05 .17	. 06 T		т	. 30 T	. 09	T .56 2.06	1.56 1.51 .25 1.63 .73	.02		.22	.01 .19 .37 .32	.09 .15 .73 .44	.03 T .09	T .01 T	T T T	.11	T T T	т	T . 39	. 50 . 47 . 78 . 44 . 39	T T .13 .10	T T	. 21	T .09 T		.24				4.09 4.35 5.58 4.10 3.96
LPHIA MA NOES BARRETTS FRU 9 R	1.03 .90 1.12 1.22	.15 1.05 .12 .22	. 20 . 13 . 02 . 03			.12	. 10		. 94 . 50 . 87 1 . 40 . 99	. 10		.10	.04 .21 .52 .41	.16 1.90 2.22	.02	.01		-	.07		-	. 22 . 20 . 65	. 24 .14 .15	-	-	Ť	-	.01				3.30 8.55 6.35
NNVILLE MONTOW R IZABETHTOWW LMOUTE RMERS	.30 .59 .15 .45	.75 T .10 .23	. 25		(	00.10 .05 .13 .10	. 20 T		1.32 1.60 1.07 2.19	.10 .05 .03		.50 .39 .19	. 50 . 60 . 65	.51 1.25 .61 .22	.05 .05 .02 .07	.01 T	.02	т	.10 .07 .08			.40 .72 .85 .54	.10 .05 .32	T T		.17						5.12 4.30 4.09 5.05 3.52
EMINGSBURG	1.09 .71 1.34 .72 .81	. 29 . 03 . 30 . 05 . 12	.03			.09 .05 .18	. 01 T T	.91	.03 1.00 .90 .12 1.55	. 01		.24	.29	.49 .43 .29 .65	.07 T .12	T .08 T T	.03 T	.01	.09	.02	.09 T	. 62 . 89 . 30 1. 99 . 51	.09 .20 T	T T	T .13 T	, 10 T		.10				4.30 3.83 3.79 6.84 4.59
AMELIN WATER WORKS Z	.74 1.01 .57	.14	T - .02	-		T - .28 .05	. 24	-	.90 .94 1.99	-		.50 .09 .17 .52	.19 .14 .93 .56	1.45 .10 .39 .58	.04				.19			.43 1.10 .60 .59	.23 .11 .02 T	т		. 05		.32				4.47 4.14 4.55 5.30
ANT DAM 38 ATSON EEWS9URG EENS9URG 91WAY 51 9 EENUP DAW 30	. 33 1.40 .75 .73	.16 .28 .60 .60	. 05 . 33 T			.05	.01 T .08		2.39 .73 .92 .93 1.03	. 01		.80	. 62 . 02 T	.82 .11 .60 .59	. 20	T T	.01	T	.10 .05 T	т	T	.80 .19 .55 .39	. 23 . 25 . 12 . 37	. 01	T .04	.18						5.91 3.51 4.12 4.25 3.60
	.94 .50 1.09	.10 .12 .07	- 1	-	- ,	T .03			.84	-	-	.45 1.82 .56	1.45 1.61 .49		.12 .02 T	T	T	T .06	.05		.13	.50 .34 .66 .15	. 10		т			. 25 . 42 . 22				5.80 9.28 5.77
IOELBERG LOCE 14 2 NOERSOW 4 SW RNDON R CESVILLE G8 BRIDGE LOCE 7	.75 .52 .65 .97	. 52 . 01 . 08 . 20 . 34	. 04			T .03	02	.42	. 92 . 38	.10		T 1.96 1.17 1.99	.30 .64 1.77 1.50	.08 .76 .29 .95	.12 T		.02 T	.08	. 09		. 42	.35 1.22 .48 1.17 .35	.54				т	. 20 . 50 . 33				3.65 6.51 6.37 7.10 4.22
NDMAN SETTLEMENT SC DEENVILLE NAT PARK R PEINSVILLE 2 E OEN VINGTON	. 90 . 47 . 22	1.20 .03 2.10 .01	.17			. 13	. 19 T	. 40	.37 .14 1.05 1.75	. 10	. 05	.77 1.09 .24 .79	. 25 . 39 . 55	.02 1- 4 1.59	.03 T		. 06	.06	. 14		. 08	.22 .70 .42 .49	. 10 T					.25				4.19 4.25 5.13 4.58 5.09
CKSON HEINS R REWIAH ENE 2 N NTUCKY DAM Z	.60	1.10 .79 .60	. 20 1.09 .35	-	-	.20	. 22 . 12 T	.10	. 94 . 75 . 95 . 32	.09 T		.05	. 19 . 50 1. 49	T .20	.09 .12 T .02	.10 T	.02		.07	т	T	. 50	.05 .15 .02	T	T	- T	T	.34				3,39 4,14 7,29
	1.04 .74 1.36 .57	. 44 . 92 . 17 . 07	.07		. 01	T .15	.10	. 55	.70 .98 .72 .35	.10 T		. 59 . 52 . 40	. 40 .12 .43 .13	.43 .60 1.70 .39	.29 .02 T	т	. 08 T	.02	.10 .08 T		.11	.55 .15 .46 .52	. 27 . 05 T	т	T	.08 T		.16				4.19 3.93 5.72 3.64 4.43
TTLE 91CKMAN LOCK 8 Z CKPORT LOCK 2 GLICK 1 5 //9 MDON POST OFFICE R UISA LOCK 3 Z	1.20 .47 .89 1.00	.40 .12 .10 .08	. 04			.09 .03 .11 .55	. 05	41		T . 05		.19	.37	.37 .74 .27 .18	.15	т	Т	.09	.10		. 02	.42 .92 .34 .55	.18 .07	. 01		.09		.15				4.08 5.05 2.72 5.19 2.40
UISVILLE BOWMAR PLO R OISVILLE STAN W B A Z UISVILLE UPPER GAGE UISVILLE WB CITY R VELACEVILLE	.33 .33 .45 .32	.04 .02 .09 .02	. 01		.02	.13 .15 .11 .05		2.06 1.94 1.99	.13 .15 3.16 .15			.71 .82 T .90 3.00	. 47	.94	T . 52 T	T T	т	.09	. 08		. 27 . 30 . 41 . 31	. 52 . 47 . 97 . 44		T .01 T	т			.09				5.78 5.72 7.95 6.33 0.14
	.49 1.10 .81 .09	.20 .08 .15 1.67	т			.05	. 12 . 44 T	. 51	. 94 . 39 . 55 1 . 25 . 05	.08	. 49	.99 1.19	. 29 . 52 . 13	1.03 1.22 1.55	T .97		т	.11 T	.05		. 13	. 48 . 70 . 72 . 47	.04	т				. 58 . 53 . 14 1 . 45				5.15 5.13 7.01 4.96 6.91
FFIELD 2 9 TSYILLE DAM 33 Z KINNETSSURG //9 DOLLESBORO RR 3TA 9	.85 .62 .44 1.40	.12 .17 .04 .73	. 05			.16 .19 .92 .53	T .03	1.59	.09 1.90 .21 1.69	.05		1.79		.80 .49 .49 .67	.03	т	т	T .11	. 05			1.57 1.82 .62 .22 .27	. 29		.15	.14		.30				7.49 5.09 4.38 7.03 5.82
DWAY 2 3	1.10 .52 1.31	.12 .04 .17 .59	. 20			.10 .11 .02 .05	.09	.79	.90 .19	.08	. 02	.35	. 55 . 15 . 60 . 10	.51 .35 1.29 .10	.06	.10		.04	.09		. 10	. 51 . 57 . 49 . 32	.10, .14		. 05			.12				5.82 4.03 3.30 5.17 3.66 3.34
UNT STERLING MFORDVILLE Z REAY IVE 91LL 9 MEY	.64 1.05 1.09	.20 .33 .09 .02	т			.14	т	T .24 .13	.93 .76 .88 .52			.11 .75 1.67	.14 .36 .78	.16 .43 1.42 .75 .15	T	т	Т	.10	.10		T 1	. 53	. 05		.09			.21 .79 .11 .59				3.43 5.28 6.96 2.79 5.11

# DAILY PRECIPITATION

KENTUCKY FEBRUARY 1950

																Day	of m	onth															Total
Station	1	2	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ĕ
FONTA DAM 35 ENSBORO ENSBORO DAM 46 2 DUCAH CAA DUCAH CAA	. 48 . 73 . 73 . 21 1. 15	.0	3 .0	05			.08 .02 .02 T	т	. 03	1.87 1.02 .03		т		. 42 . 85 . 88 1. 63 3. 75	1.21	.02 .05 - 5 T	. 02	. 03		.09 .15 .12	. 01	1.07	.64 1.05 1.06 .88 1.75	T .02	.02 .02 .04 T		26		. 12				4. 5. 5. 8. 9.
DUCAH SCS WURSERY R INTSVILLE KEYILLE Z NEVILLE EASUREFILLE 2 S	.88	1.4 1.3 1.3	5 .	12 20 10			T .04	. 08	.07	.47 .99 1.60	. 20 . 8S 19	. 06		1.83 .08 .04 2.10	.16 .02 T	.02 T .25	T .03 .03	. 01 T	.03 .01 T	.03	T	.97	.81 .03 .07 .40	.35			.04 T	т	Ť				7. 3. 3. 5. 4.
INCETON VENNA LOCK 12 CHMONO TEACHERS COL MISET LOCK 2 INSELLVILLE	.85 .83 1.16 .85	.5	5 .	08	-	-	.02	.01	. 19 T	. 15 . 59 . 78 . 20	.02	-	.46	. 24		.06 .05 .15	.01 T	т	.04	. 12	. 07		1.03 .31 .42 .52 .63	.16 .43 .05		-	-	Т	. 53 T				4 4 5
RSSELLVIILE SUBSTA OIEVILLE WATER WORK R JOHN BETHLEHEM ACA MARY LLVISA LOCK 6	1.45 .56 1.61	.0	207	02			.04 .10 T	т	.39	.88 1.62 1.35 .16 .76	. 08		. 65 . 45 . 35 . 72 . 24	. 65	1.11	T .05	т	т	. 03	. 09		. 12	. 59	.02					.03				3 3 4
LITERSVILLE //R FIENCE BILL COTTSVILLE EBREE WATER WORKS ELBYVILLE 2 W	.89 1,24 .42 .87	.8	2 1 1	02			.08	. 11	. 51	.85 1.41 1.54 .28 2.88			.11 .40 .37 1.50	. 56	1.93	т	т	т	.09	. 02		.04	.38 .75 .43 1.25 .76				Т		.10 .30 .27 .28				
TEPHERDSVILLE ITTEFIELD 4 S R MERSET HIWAY DEPT R RINGFIELO EARNS R	1.03	. 8	0	02			. 28	.15	. 41	.84 2.10 1.15 .85			.35	. 15					. 09	.10		.01	. 65 . 64 . 42	. 85					. 68				
MMER SHAOE SUBSTA THAM SPRINGS R YLORSVILLE MPKINSVILLE R MPKINSVILLE TEL OFF	. 75 . 54 . 86 . 68	. 1	0 1 T	r			T .14 .18 .15		. 55	1.55 .06 .62 1.50			. 23	. 11	.47	т	T		.08	.0€		02	. 58 . 56 . 58 . 44						,25				
PRET CREEK SCSOOL PROVE LOCK 5 IONTOWN DAM 49 Z LLEY VIEW LOCE 8 NCEBURG DAW 32	1.45 1.20 .40 1.25	0 .0	.8 6 10 .	. 04	-	-	.17			.85 .83 1.54 .99	.03	-	1.18		. 39	.06	т	T .02	T	.13	5	. 01	1.00 .52 5 1.88 .43 .52	.02	T	.01	1 .2	,	. 30				
THESBURG 6 E ST LIBERTY WATER WE LLIAMSBURG LLIAMSTOWN LLOW LOCK 13	.7:	3 .5 5 .5 0 1.5	3 .	.08 .13 .07			.15 .18 .21 .21	.03		.85 .80 1.07 2.00	.05		-	. 61 . 0 . 0 . 6	7 .05	. 10		.04 .02 T		.06			. 29 . 23 . 17 . 68	.13	0 3 4 .01	-	.1	T					
OLF CREEK DAM 2 DOODBURY LOCK 4 Z		8 .:	0 .	.08			.08	.14		1.64			. 8		1 . 51				.11	. 01 . 01			. 37	. 01			1		. 20		1		

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Station						A 1	М Но	ar end	gai									P 1	( Hou	u endi	ng					
Suitou	1		2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	6	6	7	8	9	10	11	12	
DISON DAW 45  LIDBIS 1 N  LIDBIS 1 N  REPORT SAME AND SAME WAS STORE HARLAN WATEN WAS STORE SAME SAME SAME SAME SAME SAME SAME SAM		1147086733662220 26211166795 96666048 522 5222	. 044 .022 .023 .033 .033 .032 .096 .022 .066 .023 .070 .080 .080 .091 .091 .092 .096 .093 .096 .097 .098 .098 .098 .098 .098 .098 .098 .098	.022 .01 .03 .08 .08 .01 .09 .03 .01 .11 .11 .04 .07 .05 .06 .07 .06 .07 .06 .07 .06 .07 .06 .07 .07 .06 .07 .07 .06 .07 .07 .06 .07 .07 .06 .07 .07 .06 .07 .07 .06 .07 .07 .06 .07 .07 .07 .08 .07 .07 .08 .07 .07 .08 .07 .08 .07 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.033 .077 .010 .066 .010 .010 .050 .022 .060 .010 .010 .010 .030 .030 .030 .030 .03	.088 .083 .093 .097 .097 .097 .097 .097 .097 .097 .097	.011 122 .044 .077 .022 .046 .033 .022 .046 .022 .046 .022 .046 .022 .046 .046 .022 .046 .047 .011 .033 .046 .022 .046 .047 .011 .033 .046 .047 .047 .048 .048 .048 .048 .048 .048 .048 .048	.04 .05 .05 .01 .01 .06 .02 .03 .08 .04 .02 .03 .04 .04	044 .122 .08 .01 .01 .03 .04 .09 .01 .07 .07 .07 .07 .07 .07 .07 .07 .07 .07	.033 .011 .084 .066 .071 .094 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.02 .02 .02 .03 .04 .04 .04 .01 .01 .01 .01 .01 .01 .03 .03 .05 .03 .03 .01 .01	.08 .03 .01 .01 .02 .03 .07 .01 .01 .05 .02 .03	-1s -1s -1s -1s -1s -1s -1s -1s -1s -1s		.07 .01 .09 .02 .11 .01 .01 .04 .02 .01 .01 .03 .03 .03 .03 .03 .01 .05 .01 .05 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.022.099 011.022 .015 .05 .08 .01 .01 .02 .01 .02 .01 .02 .04 .02 .04 .02 .04 .02 .04 .02 .04 .02 .04 .02 .04 .05 .07	.17 .10 .04 .03	.17 .33 .02 .03 .02 .01 .01 .01 .01 .01 .01 .02 .03 .03 .03 .03 .03 .03 .03 .03 .04 .03 .04 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.07 .06 .09 .10 .06 .08 .01 .01 .02 .07 .01 .03 .02 .07 .01 .03 .02 .07 .01 .03 .02 .07 .01 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.02 07 07 08 08 09 09 09 09 09 09 09 09 09 09 09 09 09	.033 .188 .111 .006 .022 .033 .030 .011 .011 .022 .031 .006 .022 .033 .030 .010 .010 .020 .030 .030 .030 .030 .030 .030 .03	9 .09 .08 .01 .01 .07 .08 .08 .01 .01 .01 .01 .01 .01 .01 .03 .11 .01 .03 .03 .11 .07	.011	.06 .01 .10 .06 .09	.01 .07 .01 .06 .06 .06	
RANKS STRINGS  (UNINSYLLE)  (DAYTOWN DAM 49 //  FORENE DAM  DOBURT LOCK 4  REGULVILLE WATER WAS  REGULVILLE WATER WATER WAS  REGULVILLE WATER WATER WAS  REGULVILLE WATER WATER WAS  REGULVILLE WATER WATER WATER WAS  REGULVILLE WATER WATER WATER WAS  REGULVILLE WATER	.00	3 . 3	07 07 07 06 03 01	.06 .03 .07 .03	.08 .04 .01 .02 .03	.03	.06 .01 .01 .03	.02 .02 .01 .06 .04 .01	.07 .04 .07 .04 .02 .01 .02	.08 .03 .02 .03	.04	.01	.02 - -2	.01 - d- .01	. 06	.10	.09	.01	.03 .06 .09 .04	.08	.07	.01	.01	. 02	.01	1
BRIN CAA  STRINGTON WS AIRPORT 6  VENLAM  SELINGTON WS AIRPORT 6  VENLAM  SELINGTON OF F  BOS FERRY DAM 50  ANALLIN WATER WORKS  LEYS MILL  ORLINGTON OF 14  RENDOM  BOSEWYLLLE NAT PARK	.0	1	02 23 02 01	. 02 . 01 . 01 . 01	.01	.02 .01 .02	. 03 . 01 . 01 . 03 . 01 . 01 . 02 . 01	.06	.01	. 03	. 06	.01	.02	.01	.06 .04 .01	.01	.04	.01	*	.01	.04					
NRINS  KINGTON WB AIRPORT  KINGTON WB AIRPORT  TITLE HICKMAN LOCK 8  KALICK 1 S  KALICK 3  MISA LOCK 3	.0	1 .	.03	.01	. 05	. 03	.01 .03 .03 .01	.01	.03	.03 .01 .04 .01 .03 .02 .01	. 01 . 01 . 01	.03	. 01	.01	. 09	. 01	.02	. 04	. 05	.01						
ODSONYHLE 1 SE TYPYLLE 0A 03 EINNYSSUUG COULESBORG RE STA LLEESBURG REREAD STA TACCH COL HYPORDYLLE LUTE HILL DUCAH CAA UUG AL CAAURSERY DUCAH CAAURSERY DUCAH CAAURSERY DUCAH CAAURSERY DUCKHILLE VATER WORES WARTS COLLEGE	.0	6	. 03	.02 .01 .01 .01 * .01 .02	.01	.03 .01 .01 .01 .01	.01 .01	.01 .05 .02	. 02 . 01 . 02 . 05 . 04	.02 .05 .01 .02 .08 .02	.01	.01	.01	.01	.01		.01	.01						.01	. 01	
ALTERSYLLE MITTERISED 4 S ONESSET ELWAY OEPT TEARNS ATHAM SPRINGS OMPKINSYLLE	.0	1 .	. 01	. 01	.01	.01	.01	.01	. 07	.01	.01	. 02	. 01	. 01	.01	. 03	.01	. 01								

ADDITION 10. 1	Table 4-Continued								011.																	FERR	WARY	1950
NOW CHEST DAY  NOW CHEST DAY  NOW CHEST DAY  OI							A. 1	M. Hot	ır əndi	ag									P. M	l. Hou	ır end	ling						3
ADDITION 10. 1	Station	1	T	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	)	ıı	12	Ĕ.
ADDITION DAY AS	WOLF CREEK DAM WOODBURY LOCK 4			. 01	. 01	. 01	. 02			. 05					1.													. 05
ADDICATION EAX 45	ADOLPHUS 1 N // LEKINGTON WB AIRPOET LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY												.01			. 01											. 01 . 02 . 03	.02 .02 .01 .02 .03 .05
* * * * * * * * * * * * * * * * * * *	BAXTER HARLAN WATER WES				. 04	, 02	. 01			. 02	.01			. 02			. 01							n .	. 01	. 28	. 07	.16 .04 .40 .48 .06 .04 .04
BARBOURVILLE WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER	DAVELLA						. 01	. 01	. 01	. 06	٠	•	•	٠	•	. 02		.01	, 03	. 05	. 0.			77 .	. 07	. 07	•	
BARBOURVILLE WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER	HALEYS MILL HAZARD // BEIDELBERG LOCE 14 HERNDON HOUGENVILLE KAT PARK	.0	13	. 02	. 03	, 01	. 01					. 01			. 02						.0	. 0	2 .0		. 01		.01	.03 .08 .01 .03 .06
BARBOURVILLE WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER	KENTUCKY DAM LEXINGTON WB AIRPOBT LIBRRIY // LITTLE HICKMAN LOCK 8 //	.0	01	. 01	. 04	.02	. 03	. 01		. 02		. 01					, 05	. 01					. (				.10	.15 .19 .06 .11 .56
## CARRIGLIAN WATER WES   12 .08 .01   01 .01   01   01   01   01   01	LOUISVILLE WE CITY	.0	04			.01	. 01	. 01	1			. 02	. 05	. 02	.02	, 01						.0	2.0		. 02	.11	. 25	.13 .05 .05 .17 .18
BARBOURVILLE WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER	MILLERSEURG MORRHEAD STA TEACH COL MUNPORDYILLE OLIVE BILL OWENSBORO DAM 46 DIESTALL		01	. 01		.01	. 01	. 14	1 .04	.02	. 01	. 01	. 01								.0	01 .0	1					.35 .05 .21 .02 .04
BARBOURVILLE WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAXTER BARLAN WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER WATER WES BAYTER BARLAN WATER	SMITHFIELD 4 S SOMERSKT BIWAY DEPT STEARNS TATHAM SPRINGS TOMPKINSVILLE WOLP, CREEK DAM	. 0	04		. 05	, 08	. 04	. 0:	3 .02	.11		.04	, 01	. 02					01						02	. 04	. 04	.08 .11 .48 .68 .14 .15 .21
ADDISON DAM 45 ADDISO	BARBOURVILLE WATER WES			. 08	. 01		. 0:	١.		. 01				-7	th-				.01									. 21
ADDISON DAM 45	J5NE9NS LONDON POST OFFICE MIDDLESBORO RR STA PIESVILLE STEADNS		01 01			.01	. 0	2 .0	. 01																			.03 .02 .09 .05 .28 .02 .06
COMPANTINE 6 6	ADOLPHUS 1 N BARBOURVILLE WATER WES										01			.02	.10	. 13	•	.01					01		•	12	. 28	.79 .54 .04 .40
DAVELLA DIVELLA BER DIVERSE DE CONTROL DE CO	CENTRAL CITY CLINTON CONSTANTINE COEBIN CAA 6 COMUNICTON W B AIRPORT 6									.11	. , 0.	. 51				.0	1 .15	1 .01	.51	. 0	11.0	05 . 01 .	02 . 13	32			.01	.04 .40 .52 2.09 .56 .20 1.22
DEIDERENG LOCK 14	DAVELLA DUNDER BARRETTS FORD BR EDMONTON FLEWINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 RALEYS WILL			. 0:	1								•	.0"	. 02	0		.0	11		23	18 .	75 . 34 .	08	.01	.01	, 15	.14
LORIGIN POST OFFICE   .05 .23 .87 .77 .02 .09 .14 .05 .05   .10 .01 .01 .01 .01 .01 .01 .01 .01 .01	BEIDELBERG LOCE 14 HERNDON HODGENVILLE NAT PARK KENTUCKY DAM																	.0	.1:	2		20	37	39		.14	. 06	1.01 .40 .32
LUCAS MADISONVILLE 1 8K AND SON 1.01 .08 .17 .37 .21 .14 .07 .40 I	LUCAS MADISONVILLE 1 8E												. 0	2	. 00	1 .6		١.					,	. 03			.11 .05 .06 .03 1 .12 .3f	1.84 1.99 .51 .39

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A M Hour ending

KENTUCKY

P M Hour ending

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Station		1	2	3	4	8	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
KINNEYSBURG LISUSDURG LISUSDURG KHALD STA TRACE COL KINDIAL KAN KOL KOL KOL KOL KOL KOL KOL KOL KOL KOL	*										٠	.01	,07	.30	.02	.03	.01	.01	. 23	.39 .37	. I5 . 14 . 21 . 01 . 01 . 01 . 02	. Id . 0d	.08 .01 .26 .02 .10 .17	.36 .01 .01 .15 .03 .10 .09 .14 .25	. 21 . 15 . 26 . 14 . 19 . 17 . 19 . 05 . 27 . 01 . 15 . 30 . 06 . 05	1.
SON DAM 45 PHUS 1 N PURVILLE WATER WES ER HARLAN WATER WES I COLLEGE ING GREEN WB AP PLETON LOCK 1	% //	.09 .11 .19 .15 .02	. 15	. 25 . 01 . 03 . 12 . 04	.30	. 16 * . 27	.01 * .16	* .20 .01	* .13 .05	* .08 .01			.99	h-										.01	. 01	1.0
AAL CITY ANTINE IN CAA 6 IGTON W B AIRPORT LA LE BARRETTS FORD BR ITON INGSBURG POST OFF	6	.11	.01 .02 I.36	. 20	.01 * * 1.38 .03	.30	:11	.01	1.23 .13 *		.88	•	1.00	.01	.10	, 01	.01	. 01	. 01	•	. 01					1.:
NGSBURG POST OFF FERRY DAM 50 LIN WATER WORKS LOCK 3 D LERG LOCK 14 NVILLE NAT PARK NS GTON WB AIRPORT	//	* .05 .05 .35 .04 .11	.04 .33 .12 .02	* .05 .33 .09 .04 .01 .03	.10 .03 .05	.01 .02 .01 .35	.90 .02 .01	.01	. 02					-	-		-	-		. 02	-	-	-	-	.01	
TY E HICKMAN LOCK 8 CK 1 S N POST OFFICK A LOCK 3 VILLE BOWMAN FLD VILLE STAN W B AP VILLE WB CITY	<i>"</i> //	.17 .25 .19 .20 .03 .08 .14 .15	.10 .03 .10 .49 .28	.05 .01 .01 .29 .30 .02		.01 .02 .01 .11 .15	.14 .01 .16 .02 .01	.01	. 02	.02		. 01	. 02	. 01												1.
ILLE DAM 33 NNEYSBURG ESBORO RE STA RSBURG EAD STA TEACH COL	//	.09 .24 .12 .04 .30 .03 .25	.22 .02 .01 .07 .09	.08 .03 .04 .02 .16 .17	.31 .02 .04 .37	. 26	.45	.01 .19 .02	.03 .14 .02 .02	.01 .16 .01	.01															1.
SHILL E HILL VILLE WILLE WATER WORKS RRYS COLLEGE RESVILLE REFIELD 4 S RSRT HIWAY DEPT RNS AM SPRINGS KINSVILLE CREEK DAM BURY LOCK 4	//	.04 .04 .08 .44 .02 .02 .52	.06 .01 .20 .03 .21 .28 .02 .18 .25	.31 .01 .33 .02 .16 .24 .01 .28	.29 .06 .09 .01 .04 .16	.19 .04 .07 .01 .18 .24 .01 .04 .06	. 02 . 03 . 05 . 04 . 14 . 04	.06	.02	.01	.01		. 04	. 02	. 02	. 01	.10	.10	.40	. 49	.11	. 03	.14	.18	.07	1.0
DURVILLE WATER WES ER BARLAN WATER WES IN CAA INS LESBORO RE STA VILLE WATER WORKS WILLE WATER WORKS	6	.01	.01 .01 .01 .02	.02 .03 *	.02	.01	* .01	* .01	. 01 . 02 . 01			-	-10	th—												.00
TON S						. 09	. 25	.11			. 03	.01		th- th-										. 01	. 05	.0
SON DAM 45 PBUS I N OUTFILLE WATER WKS ON 1 SW A COLLEGE ING GREEN WB AP OLLTON LOCK 1 RAL CITY TON	"	, 05	.14	. 37	.01	.06 .01 .32 .15	.26 .02 .14 .21	.10 .06 .06 .01 .10	.03 .11 .19 .01 .16 .05	.26 .04 .10 .03 .01	.09 .05 .02 .02 .04 .01	.02 .01 .01	.04 .25 .03	.04 .32 .01 .02 .13	.11 .01 .04 .08	.14 .02 .07	.10	.01	.02		.02		.07	. 03	. 08	1.1 2.4
TON IN CAA IN CAA NOTON W B AIRPORT LLA EB BARRETTS FORD BR NTON INGSBURG POST OFF LLIN WATER WORKS	6	.07	.01	.43	.20	.11	.20	.13	.04	.06	.01	.07	.03	.05	.19 * .22 .15 .01 .10	.01 .04	.01	° .01		.01	.03	. 29	.36	.54	.37	4.1
LOCK 3 YS WILL RD RLBERG LOCK 14 DON ENVILLE NAT PARK	<b>"</b>	.02	. 05	. 03	.41	.01	.21	.15 .04 .07	.07	.03 .02 .12 .12 .10	.01	.03 .06 .12 .03 .04 .12	. 05 . 08 . 09 . 01 . 01 . 01	.01 .12 .10 .01	.05 .05	. 05	. 07	. 03							. 04	1.6
FUCKY DAM INGTON WE AIRPORT ERTY FLE HICKMAN LOCK 8	//	. 03	. 28	.40	.51	. 28	.11	.11	.03 .14 .60	.03 .04 .04 .10	. 04	.01	.30	.19	.19	.10	. 02					. 01 . 01	. 04	. 06	.15	2.8

					A.N	4. Hou	r endi	ng									P. M	l. Hou	r endi	ing					Total
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	To
LOGLICK 1 S LORDON POST OFFICE LORDON POST OFFICE LORDON POST OFFICE LORDON POST OFFICE LORDON POST OFFICE MAD SOUTHLE WE CITY MADISOVILLE 1 SE MATSYLLE DAM 33 MUNTORUTILE 1 SE MUNTORUTILE 0 SE MUNTORUTILE 0 SE MUNTORUTILE 0 SE MUNTORUTILE WATER VORES ST MANTS COLLEGE SAD INTILE WATER VORES ST MANTS COLLEGE ST MANTS COLLEGE ST MANTS COLLEGE ST MANTS COLLEGE ST MANTS COLLEGE MONTH SE MUNTORUTILE WATER VORES STRAINS MONTH SE	.02	.13	.03	.15	.39	.19	.10 .23 .19 .08 .11 * .25 .14 .09 .13 .01 .05 .10	.05 .08 .09 .08 .07 .01 .44 .05 1.47 .06 .21 .11 .13 .21 .01 .04 .03	.15 .22 .06 .05 .06 .01 .05 .01 .15 * .01 .08 .16 .01 .02 .09 .02	.03 .05 .01 .03 .04 .01 .04 .02 .01 .01 .01 .01	.01 .06 .06 .08 .07 .02 .01 .06 .01 .01 .02 .03 .04 .04	.122.111.066.055.011.011.014.044.033.15	.04 .05 .08 .15 .01 .05 .04 .16 .03 .10 .03 .03 .03 .03	. 06 . 04 . 09 . 03 . 03 . 09 . 04 . 25 . 44 . 03 . 17 . 04 . 01 . 09	.01 .03 .02 .09 .08 .23 * .10	.13 .13 .08 .02 .07 .09 .01 .20 * .01 .05	.01 .04 .09 .08 .03 *	.02 .01 .05 .04 .01	.01 .01	.45	.04	.01	.04 .01	.02	.19 .38 .71 .82 .80 1.30 .26 6.52 .36 1.20 1.35 3.43 .08 .45 .72 .77 .37 .05 .65 .11 .20
ADOISON DAM 45  ADOLPRUS 1 N BENTOWN 13 W BERRA COLLEGE BOULING REREN WB AP CARBOLLTON LOCK 1 CENTRAL CITY	. 01	.02	. 02	.03	.01 .01 .03	.01	.01	,02 ,02 ,04	.04	.09	.01	-13 .04	.01	.01	. 04	.11	.15	.08	.07	.05	.19 .04 .03	.09 .10 .03 .06 .01	.14 .20 .05 .05	.10 .26 .03	1.16 .78 .93 .05 .44 .29 1.41 1.60
CLINTON CONSTANTINE COBBIN CAA 6 COVINCTON W B AIRPOET 6 DAVKLLA DUNDEE BARRETTS FORD BR EDMONTON	.07	.07	. 43	.24	.02	,01	. 03	.03 .02 * .01 .13 .08 .01 .03 .03	* .02 .01		*	. 02	.02	.05	. 07	.08	.07 1.10	.10	.04	. 01	. 09 . 05 * . 01 . 14	.01 .13 * .02 .12	.01	.15	
FLEMINGSBURG POST OFF FRANKLIN WATER WORKS GEST LOCK 3 HALKYS MILL BERNDON BODGENYILLE NAT PARK KENTUCKY DAM LEKINGTON WB AIRPORT	.05	.01	.01	.02 .01 .01	.01	.04	.01	. 05	.03	.03 .01 .02 .04	. 03	.01		. 02	. 03	.03	.10	.06 .14 .09	.01 .20 .21 .02	,18	.10 .06 .16 .01 .03	.09 .12 .05 .05	.05 .02 .11 .09 .05 .01	.19 .02 .09 .09 .12 .04	.04 1.35 .11 .13 .59 .23 1.81 1.77 .39 .13 .04 .05 .47 .48 .55 .29 1.07 .13 .08 .49 .10 1.01
LITTLE BICKMAN LOCK 8 LOGICK 1 S LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY LUCAS LADISONVILLE 1 8E MATSVILLE DAM 33 MC KINNEYSBURG //	. 01	.02	.01 .01 .02	.01 .01 .01	. 06		. 01	.01	. 02	.01	. 04	. 03		. 03	. 01	. 08	, 04	.02	. 05	.01	. 01 . 04 . 04 . 01	.04 .03 .05 .04	.06 .07 .06 .12	10	.05 .41 .48 .55 .21
MILLERSBURG MOREHEAD STA TEACH COL MUNFORDVILLE OLIVE HILL OWENSBORD DAM 46	.01	.06	. 02	.01	.01		.01	.04 .05 .03 .04	. 05	.02	.05	.01	.02	.02	. 01	.03	.06	.12	.02	.19	.09	.05	. 06	.07	
PADUCAH CAA 6 PADUCAH SCS WURSERY SADIEVILLE WATER WORKS ST MARYS COLLEGE SALTERSYLLE SMITHFIELD 4 STEARNS TATRAN SPEINGS	.01	.01	. 01	. 01	. 01	. 01		. 07 . 07 . 01 . 01	.01	.01		. 01	.01	. 01	. 01					.01	. 01	.01	. 07	.02	.05
TOMPKINSVILLE WOLF CREEK DAW WOODBURY LOCK 4	.10	. 01	. 09	. 05	.10	.03	7 .06	. 01	. 03	. 02	. 03		lth-		, 04	.08	. 09	.14	. 04	4 .10	. 24	.12	.17	, 06	
ADDISON DAW 20 // ADDISON DAW 20 // BARDOUNVILLE WATER WAS BENTON 1 SW BEREA COLLEGE BOWLING GEREN WB AP CENTRAL OT TOCK 1 CENTRAL OT TOCK 1 CENTRAL OT TOCK 1 CENTRAL OT TOCK 1 CENTRAL OT TOCK 1	.19 .01 .03 .02 .03 .10 .09		.06	.02	.02	2 .08 .03 2 .05 9 .10	3 . 06 3 . 02 5 . 02 1 . 13 1 . 01	.02	. 07	.04	.01														.6: 1.50 .20 .21 .1: .4: .90 .71 .4: .1: 1.0:
CONSTANTINE CONSTANTINE CONSTANTINE CONTROL AND AIRPORT CONTROL OF BEARRETTS FORD BR EDBONTON FLEMINGSBURG POST OFF FRANKLIN WATER WORKS GEST LOCK 3 HALETS MILL HEIDELBERG LOCK 14 //	* .10 .05 .03 .06 .04	.10	0.05	.10	* .18 .02 2 .20 28	8 . 04 2 . 05 0 . 07 3 . 05 6 . 05	.05	. 04 . 63 . 04 . 07 . 03 . 01	* .09	. 01	. 01		:	. 05											.7.4.4.9.4.33.22
ESERDON BODGENVILLE NAT PARK JERKINS KENTUCKY DAM LEXINGTON WB AIRPORT LIBERTY // LITTLE BICKMAN LOCK 8 //	.11 .22 .03 .05 .06 .04	. 05	.01	0 .05		3 .05 3 .05 5 .05 2 .11	.03	.02	1 .06	0	. 02		.01												1.0 .0 .0 .3 .5 .4
LOGLICE 1 8 LOGNON POST OFFICE LOUISA LOCK 3 LOUISYLLE BOWMAN FLD LOUISYLLE BOWMAN FLD LOUISYLLE STAN W B AP LOUISYLLE THAN B AP LOCK STANDARD BOWMAN FLD LOCAS STANDARD BOWMA	. 01 . 05 . 08 . 15 . 19 . 07	.00	7 .00 0 .00 0 .11 1 .00	3 .06 4 .03 0 .13 3 .01 4 .02	3 .2: 3 .2: 3 .0: 1 .0:	1 .15 1 .15 2 .16 9 .16 7 .16	9 .24 7 .33 1 .55 6 .05	3 .04 5 .06 .05 9 .07	. 03 1 . 03 5 . 06 5 . 01	.01 .01 .02	. 05	. 0		. 02											.73 .44 .449: .43 .33 .21 .00 .00 .03 .55 .44 .22 .11 .00 .00 .23 .10 .00 .00 .00 .00 .00 .00 .00 .00 .00

																							/ 6	MIEU ASCY	1000
Station					-		r endi			-								-	ır endi						Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	8	6	7	8	9	10	11	12	-
ILLERSIGNEG MENICAD STA TACACH COL MYNCHOVILLE MYNCHOV	.01 18 .11 * .04 .01 .08 .04	.04 01 .13 .01 .06 .17 .02 .17 .24 .03 .04 .05	.04 .36 .01 .02 .11 .22 .03 .04 .02 .21 .01	.01 .06 * .10 .04 .05 .03 .02 .07	.04 .01 .01 .01 .01 .04 .28 .03 .03	. 05 07 .11 .04 .01 .06 .02 .02 .04 .05 .01	.01 .04 .04 .01 .01 .03	.01 .01 .04 .01 .04 .17 .01 .07	.01 .05 .02 .02 .04 .01 .02	.02	4	.01	•	. 08				. 05	. 01						30 1. 26 1. 26 33 33 . 68 05 . 85 23 25 47 33
ODBURY LOCK 4	.10	. 05	. 06	. 09	.29	. 06			. 03		-	-15t	h-												. 88
RBIN CAA 6 UNINS UISA LOCK 3 KEVILLE EARNS	. 03		•	٠	.01	.01	.02	.03	.03	. 01	.01		. 01												. 03 . 02 . 03
VINGTON W B AIRPORT 6 EMINGSEURG POST OFF YSVILLE OAM 33 //									. 01	. 01	.06	-16t .01				•	٠,			. 01					. 08
DISON OAM 45 OLPRUS 1 N REGOURYILLE WATER WKS TYEER HARLAN WATER WKS NYON 1 SW REAR COLLEGE									.01		.01	-18t	.02	. 02	. 03	. 06	. 01	. 02	.01		. 01	. 03	. 02	. 02	. 10 . 04 . 05 . 04 . 05 . 10 . 04 . 14 . 08
TYON I SW REA COLLEGE LING GREEN WB AP RROLLTON LOCK 1 VERAL CLT VERAL CLT VERAL CAA A VINCTON W B AIRPORT 6													.01	. 02	.02	. 02	.01 .12 .01	. 03		. 09					.04
TELLA DEE BARRETTS FORD BE MONTON MINGSBUGE POST OFF DES FFRRY DAM 50 TT LOCK 3 TT LOCK 3 AT LOCK 3	-		-	-	-	- }	-	-	-					.01	.01	. 04	.03	.01	. 06	. 04					.08 .12 .11 - .08
OKLBERG LOCK 14 INDON DENVILLE NAT PARK														.02	. 05	. 06	.01	. 04	.01	. 04	.03	. 08		, 06	. 08 . 06 . 11 . 09 . 12 . 06 . 06 . 05 . 11
KINS THERY DAM INCTON WB AIRPORT THLE BICKMAN LOCK 8 LICK I S BOON POST OFFICE TESA LOCK 3 TISSVILLE BYMAN FLD BISVILLE STAN W B AP NEW YLLE STAN W B AP NEW YLLE WS CITY S																.01	.02 .08 .04	.03	.05	.07	.01	. 01			.10
DISONVILLE 1 SE SYILLE OAM 33  KINNETSBURG  LERSBURG  LERSBURG  KEREAD STA TEACB COL												.01	. 01	.01	.04	.03	.01	.08	.02	.03	. 01		. 03	.01	. 08 . 06 . 10 . 11 . 07 . 06 . 11 . 04 . 07 . 10
IVE BILL  RNSBORO DAM 46  FUCAH SCS NURSERY  REVILLE  RIEVILLE WATER WORKS								. 01	. 01		.01	.01	.01		.01	. 04	. 01	.06	. 04	. 05	.01	. 05	. 05	.05	.09 .10 .03 .10
TREAST HIMAT ORPT ARMS HERSET HIMAT ORPT ARMS HAM SPRINGS PERINSVILLE F CREEK OAM OBURY LOCK 4						•		•	٠	٠	•	•	, 08	٠	٠	.01	.07	.03	. 05	. 02	. 03				.11 .09 .05 .05 .05 .05
RBIN CAA 6	.01	.11									-	-19t	h-												. 02
DISON OAM 45  LIPBUS 1 N  TITER RARLAN WATER WKS  VION 1 SW  LING GEREN WB AP  ROLLTON LOCK 1  //									.02	. 03	. 02	-21	st—		. 01	. 04	.01	.01	.02	. 01	.08	.08	.02	.10 .01 .01	. 27
REOLLTON LOCK 1 // NTRAL CITY INTON BBIN CAA 6 FUNCTON W B AIRPORT 6 FUNCTON W B AIRPORT 6 FUNCTON W B AIRPORT 6											. 02	. 09	. 09	. 06	. 01	. 05	.03	.01 .01 .36	. 16	.02	. 04	.12	. 04	.02	.68 .11 .37 .09
INDICAN S A HAPPEN OF THE STATE								.01	.01	٠	*	.03	•	.06	.04	.01	.02	. 03 . 15 . 02 . 01	.02 .04 .09	. 25 . 02 . 07 . 01 . 06 . 08	.02	.01 .01 .02 .04	.01 .01 .55 .06	.02 .05 .31 .03 .06 .04	.07 .06 .09 1.30 .12 .17 13 .31

EENTUCKY FEBRUARY 1950

Table 4-Continued					_														- n .	4 17	r endi				PER	RUARY	1950
Station	L		_	1	_	_			endin				_										. 1			12	Total
	1	1	2	3	4	5		6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	_
LEKINGTON WB AIRPORT LIBERTY LONDON POST OFFICE LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY													.02	. 05	. 04	. 08	.01	.04	.04	.05	.02			.02	. 05	.01 .02 .02	.11 .01 .02 .27 .30 .41
LUCAS MADISONVILLE 1 SE MAYSVILLE DAM 33 MC KINNEYSBURG MILLERSBURG MUNPORDVILLE OWENSBORO DAM 46 PADUCAE CAA 8										. 03	.03	. 03	.01			.02	. 04	. 04	.03	.02	.05	.01	.01			.01	.09 .20 .10 .05
PADUCAB SCS NURSERY SADIEVILLE WATER WORKS ST MARYS COLLEGE SMITHFIELD 4 S SOMERSET BIWAY DEPT STEARNS											•	.01	.01	. 05	. 05	.09	.01	.02	.07	.17 .02 .08 .02	. 20	.07	.04	. 05	.03	.30 .01 .03 .01	.97 .12 .08 .31 .01 .01 .03 .05
TATHAM SPRINGS WOLF CREEK DAM WOODBURY LOCK 4											.02	.01	.02						.02	. 01					. 01	. 04	. 05
														-22	2d-												
ADDISON DAM 45 ADDLPHUS 1 N // BARBOURVILLE WATER WKS BATTER HARLAN WATER WKS BENTON 1 SW BEREA COLLEGE		. 25 . 02 . 02 . 09	. 05	.0	3 .0	3 . 2 . 7 . 2	04 01 01 02 01 10	.01 .02 .03 .02 .04	.04	.05	.06	.01				.01	. 07	. 05	.11	.01	.10	. 04	, 06				.60 .14 .29 .42 .43 .69 .40 .47 .43 .43
BOWLING GREEN WB AP CARROLITON LOCK 1 CENTRAL CITY CLINTON CONSTANTINE	į	.01 .10 .08 .08 .15	. 05 . 05 . 09 . 06 . 02 . 11 . 04	1.1	8 .0 1 .0 9 .1	2 4 .	01 06 01 04	.08	.10	.01	.10 .02 .01 .08	.08	.01			.03	.01			:	*	.20					.47 .43 .43 .65
CORBIN CAA 6 COVINGTON W B AIRPORT 6 DUNDEE BARRETTS FORD BR RDMONTON		.17 .06	.07	* .1 3 .1 2 .1		6 .	04 15 18	.06	.01	.48 .04 .07	* .07 .01	.02	. 01	٠	.01	. 27	*	*	*		*	. 01					.71
FLEMINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL		.01 .20 .04 .01	. 13 . 08 . 02 . 11 . 07	I . 1	0 .	. 0	18 01 14 10	.12 .09 .01 .03	.07 .03 .04 .04	.05 .01 .01 .03	.01		. 01			.03	. 01		.01	. 02	.01						.69 .35 .40
HAZARD // HEIDELBERG LOCK 14 // HERNDON HORDROYLLLE NAT PARK JENKINS		. 06	. 05	. c 5 . c	8 .	06 . 01 . .9 .	08 17 13	.13 .12 .07	.05	.01	. 01	.01	.01	. 02	. 01	. 01	. 01		. 18	. 02	.04	. 02	.19	. 07	. 01		.08 .68 .46 .70
KENTUCKY DAN LEXINGTON WB AIRPORT		.04	. 17 . 05 . 06 . 02	5 .0	8 . 2 . 5 .	.7 .	06 10 15 11 06 07	.05 .06 .09 .07	.04 .04 .01 .08 .04	.01	.04	. 03	.02		.01		.13	.04 .01 .02 .01	.02 .01 .06 .05	.01	.03						71 -68 -69 -35 -40 -34 -68 -68 -68 -69 -69 -69 -69 -69 -69 -69 -69
LHERRYT LITTLE BICKMAN LOCK 8  LOUISH IS S LOUISH SOFT OFFICE LOUISH LOCK 3  LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE STAN W B AP LOUISVILLE WB CITY LUCAS		.07 .06 .11	.15	* 5 .1 6 .1	1 .0	19 . 19 .	07 05 02 02	.03	0.9	. 01	•	•	٠	•		•	. 05	.01	•	•		•	•	·	•	. 43	.43 .52 .47 .44 .48
MADISONVILLE 1 SE MAYSVILLE DAM 33 MC KINNEYSBURG MIDDLESBORO RR STA MILLERSBURG		.02	.01	1 .0	9 .	99 . 96 . 91 . 99 .	11 06 04 10	.09 .07 .05 .08	.74 .05 .01 .06 .04	.02		. 01					. 01	.01	.18 .01	.01	.01	.02	.01				.64 .32 .51 .48
MOREMEAD STA TEACH COL MONFORDVILLE OLIVE BILL OMENSBORD DAN 46 PADUCAH SCS NURSERY PIREVILLE		. 19	7:	6 .:	6 .	18 . 05 . 04 e	.05	.03	.08	.01 .10 .02 .02 .79	. 01			. 01	.01	.01		.01									
ST MARYS COLLEGE SALYERSVILLE //		. 19	. 0:	9 .	9 .	06	.05 .05 .08 .02	.05 .01 .04 .06	.03 .01 .03	.01 .01 .04	.03		. 01	. 01		.12	. 02		. 02	. 01	. 13	.01				. 01	.18 .58 .47 .33
SMITHFIELD 4 S SOMERSET BIWAY DEPT STEARNS TATHAM SPRINGS TOWPK INSVILLE		. 14	. 0	6.3.	03 .	01 . 13 .	.03 .09 .02 .10	.02 .04 .03 .01	.02	. 05	. 05	.01	. 01		.02	.01		. 04	. 05	. 03	. 02						.81 .18 .58 .47 .33 .57 .64 .24 .58 .44
WOLF CREEK DAM WOODBURY LOCK 4		. 08	3 .0	18 .	09 .	06	.04	. 05	.01	.02	. 02	2		-25	241	_											
CARROLLTON LOCK 1 // COVINGTON W B AIRPORT 6 FLEWINGSBURG POST OFF GEST LOCK 3											*		* 01	. 01	L .04	.06	. 01	. 04	, 06	. 00	*	. 0:					.06 .13 .03
LOUISA LOCK 3 MAYSVILLE DAM 33 MILLERSBURG MOREHEAD STA TEACB COL OLIVE BILL PIKEVILLE											. 01	.01	. 0:	0:	.02	.02	. 05	2	. 01		.01					. 01	.13 .03 .17 .15 .05 .09 .08
ADOISON DAM 45 // ADOLPRUS 1 N // PARBOURVILLE WATER WKS										.10	. 0'	7 .02	. 0:	2	8th-	1 .03		6 .05	2 .0:	5 .2	1 .00	2 .00	8 .00 8 .00 5 .10	B . 05	5 .0: 3 .0: 5 .0:	1 .01 4 .06 9 .03	.18 .85 .43
ADUISON DAM 45 ADULPHUS I N BARBOURVILLE WATER WKS BAXTER HARLAN WATER WKS BENTON 1 SW BENEAC COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1								. 07	.21	. 06	.10	0 04	.0	0 .0	1 .02	3 .01		. 0:		.0		, 0	1 .0:	1 . 0:		.02	,69
CARROLLTON LOCK 1 CENTRAL CITY CLINTON CONSTANTINE COMBIN CAA 8 COVINGTON W B AIRPORT 6							. 03	. 23	3 .10	. 20	.0:	7 .13	.0		. 0:	.02			:		*	.0	4 * 1 * -	**	:	:	١.
COVINGTON W B AIRPORT 6 DAVELLA DUNDEE BARRETTS FORD BR EDMONTON		-	-				-	-	1	.14	. 0	5 .05	.0	7 .1	6 .04	4 .02	. 0	1	.0	ι .0	2 .0	7 .0	1 .1	4 . 0-	4		.30

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Station						A	M Ho	ur end	ing									PI	м Но	ur end	ing					7
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
EMINGSHURO POST OFF RDS FERRY DAW 50 ANKLIN WATER WORKS ST LOCK 3 LEYS MILL							. 13	.10	.01	. 06	. 04	.06	. 07	. 01 . 01 . 04 . 03	.01 .01 .06 .01	. 01	. 05	. 01	. 09	.01		. 01				
ZARD IDELBERG LOCK 14 RNDON DGENVILLE NAT PARK KKINS	-35									. 06	. 09	. 05	.01	.02	.01		.50	•	•		٠	٠	. 01	.03	. 20	
TUCKY DAM INGTON WS AIRPORT EKRTY TLE HICKMAN LOCK S	7)					.10	.17	. 07	.10	. 05	. 01 . 04 . 05	. 08 . 11 . 05	. 02 . 18 . 05	. 01		. 02	. 01		. 01	. 01	. 02	. 01	. 08	. 15	.01	
LICK 1 S DON POST OFFICE VISA LOCK 3 VISYILLE BOWMAN FLD VISVILLE STAN W B AP									, 06	. 06	. 02	. 01	. 08	. 04	. 01	01		. 03	. 01	. 01	. 01	. 02	. 07	. 07	.06	.4
ISVILLE WB CITY AS ISONVILLE 1 SE SVILLE DAM 33 KINNEYSBURG	//							. 13	. 01	. 07 . 08 . 03	. 03	.02	. 06	. 01	. 02	. 01	. 01	. 01	, 05	. 01	. 08	. 07	. 04		. 01	
DLESBORO RE STA LERSSURG FORDVILLE /E HILL	//									. 06	.11	.03	.07	.02	.01	:	. 07	. 01 . 01	. 01 . 01	.01	.01	.01	•	•	.70	
SBORO DAM 46 ICAH CAA JCAH SCS NURSERY EVILLE SEY LOCK 2	6			٠	٠	٠	. 06	.08	. 02 . 22 . 06	. 09	. 07	. 01	4	. 01	. 26	. 01		-		.01	. 03	*	.01	.11	. 06	.1
MARYS COLLEGE (ERSVILLE PHFIELD 4 S	//	-	-	-	-	-	-	-	-	. 02	, 08	.10	. 02	. 01	.01	.01	. 01	.01	.01	-	. 01	. 01	-			.0
ERSET HIWAY DEPT ARNS HAM SPRINGS PKINSVILLE									. 01	. 04	.04	. 12	.02	. 03	.01	. 05	. 01	. 02	.01	. 01	. 08	, 06	. 04	.13	.07	.1 .6 .5
ONTOWN DAM 49 CREEK DAM DBURY LOCK 4	//	-	-	-	-	-	-	-	.13	. 01	. 06	.01	.06	. 09	. 06	.12	. 03	.01	.01	. 02	. 05	. 09	. 03	.02	. 01	.6

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# DAILY TEMPERATURES

KENTUCKY FESRUARY 1950

48.7

51.1 31.3 49.6 28.3

47.8 28.4 47.1 25.1 49.9 32.0 49.1 27.8 49.5 29.2

51.8 31.3 49.4 31.6 50.1 28.1 52.6 32.6 49.3 30.4 47.2 28.1 47.3 30.4 47.3 30.4

> 49. 28. 51. 30.

> 52. 29. 45. 26. 33. 49. 30. 54. 32. 48. 31.

> > 49

47 28

Table 5		_					_	_	_			_		_		Day of	f mor	nth.				_			_		_	_		_			
Station	0	1	2	3	4	5	6	7	8	9	10	11	12	13			16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX	38 32	38	39 16	50 19	57 22	61 47	54 36	58 32	58 38	49 34	47 29	55 33	67. 43	61 41	43 31	33 26	43 22	63 27	41 26	19	46 27	56 31	49 24	45 32	43 23	33 8	43 12	51 29				
ASHLAND DAM 2	MAX	41	42 35	47 26	40	50 25	51 27	55 44	46 32	58 32	52 40	45 31	50 30	47 35	67 42	76 34	44 31	35 30	35 27	56 25	40 25	35 22	56 24	56 28	49 27	50 26	32 12	28 6	10				
BEAVER DAM	MAX MIN	39	39 32	40 20	49 20	60 21	62 51	57 43	67 38	61 39	52 39	55 28	53 42	63 51	56 40	42 31	38 29	46 25	67 28	40 27	47 22	57 32	55 31	53 25			35 12	40 18	51 35				
SENHAM	MAX	59 48	62 51	60 28	38 20	44 16	50	58 48	55 40	59 38	55 42	55 29	57 30	70 40	70 51	71 37	38 28	33 25	32 20	57 20	38	45 23	55 24	57 27	51 27	45 36	54 19	39 14	48 18				
BEREA COLLEGE	MAX	46 37	45 29	35 19	45 21	58 23	56 47	52 46	61 33	57 38	43 32	51 29	57 39	71 57	67 44	44 31	32 26	34 27	62 22	39 27	39 19	59 26	57 29	47 26	48 32	38 25	28 13	42 14	46 27				
BOWLING GREEN JB AP	MAX	41 36	41 28	40 22	47 22	61 21	61 51	55 39	67 39	55 41	49 33	50 26	62 43	68 55	56 37	37 30	39 25	46 24	65 26	43 25	47 23	62 31	58 31	51 23	51 31	53 28	36 17	20	50 39				
BURGIN DIX DAM	MAX	43 35	42 35	40 20	51 24	60 24	58 49	57 44	60 33	59 40	47 40	55 30	50 38	70 47	68 40	50 33	34 27	40 25	64 26	43 28	48 22	58 28	59 47	50 26	48 35	43 25	35 12	45 14	55				
CAMPBELLSVILLE	MAX	40 34	42 36	41	36 22	49 20	60 35	57 44	52 33	63 38	47 38	49 27	53 29	59 40	69 51	64 31	34 29	34 23	47 24	63 26	42 21	46 23	60 37	57 24	49 31	49 24	45 13	35 5	14				
CORBIN CAA	MAX	58 42	51 32	40 22	46 18	62 17	55 47	53 37	62 33	57 40	45 30	59 27	60 34	71 56	70 47	47 32	33 29	40 24	61 20	41 27	47 20	59 23	59 30	48 29	54 28	53 25	34 17	11		L			
COVINGTON W 8 AIRPORT	MAX	34	35 23	34 17	46 24	52 29	54 45	46 33	53 29	54 37	45 35	53 32	41 38	64 40	66 39	39 30	31 25	33 25	57 26	35 23	33 19	48 25	54 24	44 24	43 23	23 12	- 1	36	3:	L			
DANVILLE	MAX	37 35	41 37	41 19	38	45 23	59 25	56 44	49 31	59 34	45 39	46 29	52 30	57 40	69 53	66 33	33 30	32 25	39 25	63 27	43 20	42 21	58 34	58 25	48 27	48 25	37	34 14					
FARMERS	MAX	41	43 35	43 22	36 18	45 19	54 20	56 42	46 29	60 29	54 38	45 25	50 25	47 39	71 41	35	28	27	35 20	61 19	38 18	37 19	57 24	58 25	46 25	49 24	34 7	28					
FORDS FERRY DAN: 50	MAX	35 33	35 28	37	44 26	54 29	59 51	54 40	63 40	63 38	55 35	55 34	60 44	64 40	61 32	36 30	40 28	46 27	59 29	39 27	52 26	57 44	52 30	52 29	44 28	27	31 16	28	8 3	4			
FRANKFORT LOCK 4	MAX MIN	38 34	41 35	42	43	52 23	59 25	59 45	47 34	60 34	50 40	49 30	55 30	48 41	70 47	67 36	41 32	35 25	39 25	64 27	43 21	40 20	58 25	62 27	49 27	49 25	34	٤	9 1				
GREENSBURG	MAX	40 35	42 38	42	38	47 20	60 27	58 46	51 34	63 37	47 40	48 28	50 34	60 43	69 56	62 34	36	35 23	43 25	65 25	42 23	46 23	54 32	57 24	50 25	50 27	15	16	6 1	9			
GREENVILLE 2 %	MAX	38	35 31	38	48	58 20	64 52	59 41	68 38	65 38	51 41	57 27	53 42	60 51	57 38	40 30	26	46		46 26	50 20	60	60 30	52 24	46 35	27	1 12	11		7			
HEIDELBERG LOCK 14	MAX	49	48		48	59 18	56 41	53 45	62 29	60 41	46 41	4.6 29	51 33	72 41	70 51	57 35	36	34	62	58	43 21	60	59 43	56 28	27	28							
HENDERSON 4 SW	MAX	34	34	39	50	56 25	64	57 40	60 39	62 39	52 39	56 31	52 43	63 50	57 38	38 31	27	1 45 7 24		26	45 24	56 35	53 30	52 27	32	25	5 1:	2	1 3	3			
HINDMAN SETTLEMENT SCH	MAX	50			7 38	47	55 20	53 47	50 28	64 29	55 41	47 32		53 39	72	75 38	31	35	7 19	20		40 21	59	59 28		25	9 17	7 1	0 1	1			
HOPKINSVILLE 2 E	MAX	39	36				64 50	59 42	70 44	60 40	51 38	55 27	62	60 48	50 40	30	26	6 20	30	27		63 38	55 44	53 24		2	B 14	1 2	0 4	14			
IRVINGTON	MAX		36	3 46 3 18		60	60	56	62 35	60 38	50 38	36	48	64	56 41	30	35	6 2	1 2	3 27	22	33	53 31	50 25	33	3 2			5	50 35			
LEITCHFIELD	MAZ	3:		2 2		5 59	61	58	64	62 38		33	52	65	56	31	35			8 26	20	52 30	31	24					5	34			
LEXINGTON WB AIRPORT	MAI	40	39	9 3	7 4	9 57 3 28			59 32	53		5:		67	66		3	1 3	4 2	5 20	20	55 27	58 26	25	2	9 1	8 1	0   1	12 :	52 32			
LOUISVILLE STAN W B AP	MAI		B 34		7 4				60	57	30	3				7 31	2	6 2	6 2	8   2		55 29	29		5 2	9 1	9 1	1 1		52			
LOUISVILLE W8 CITY	MAI		7 3						35	56	47	5:	47 42	7 66	5 40	31	1 2	6 2	6 2	9 2	5 23		54 28		3 2	8 1	8 1	2 1	19	38			
FOAETWCEAIFTE	MA: MI	X 3		3 3	8 4						5 54				2 3		0 2	5 2	0 3	0 2	7 23		22	5:	3 5 3	6 2	9 1	6 2	24	59 44 50			
HADISONVILLE 1 SE	MA		4 3	7 3	5 3		9 5		2 56 8 39	31	9 3	2 5 2		7 60 8 43	6 4	0 3	2 4	0 3	9 4		6 2	22					8 1	3	14	23			
MAMMOTH CAVE PARK	MA		0 4 4 3	0 3	9 4	7 6 5 1	0 6 7 5	0 5		6 3	2 54	9 2	1 55 7 3	5 6 7 5				8 2		4 4	7 19	28	33	3 2	3   3	9 2		5	45 11	53 31 53			
MAYPIELD 2 S	M.A. MI	X 3	4 3		1 4	9 5	5 6 4			9 6					1 3	2 2	6 2	3 2	2 3	5 2			2	9 2	3 3	6 2	24 1	13 :	21	38			
MAYSVILLE DAW 33	HA					6 4	7 5		5 4 2 3	8 5 0 3	5 5	9 2	5 5			3 6 3	6 3	38 3		3 2		5 2			7 2	6	24	3	6	6			
MIDDLESBORO	MA M I	X 5	6 6	50 2		51 5	9 5 0 4				3 5 8 4		0 6 3	3 7 5 5	0 7	0 6	4 2	29	32 2	21 2		1 24	4		8 2	8	29	33	16	28			
MOUNT STERLING	MA M I					8 5		5 5		9 5	8 4 9 3	9 3	4 5	2 7 8 4	0 6	8 5	2 3	26	26	35 2		0 2	5 4	1 2		5	24	9	13	29			
MURRAY	M.7 14 1	X S	37 3 32 3	36	40	19 5		6 6	2 7 2 4	1 7 5 3	0 5	3 5	8 5	9 6		7 3 6 3	8 4	25	20	28 2	8 5	2 3	6 3	2   2	4 4	10		17	24	41			
OWENSBORO	M	XX S	33 3	35			0 5	55 5	5 6		2 5	8	0 5	3 4	8 4	3	1 :	28	24		7 4		4 3	4 2	7 :	29	26		20	36			
PADUCAH CAA	M2 M2		34 3			47 : 24 :	4 6	51 5 19 4	5 6	7 5	3 5	3 1	57 5 30 4	3 4		3 3 3	30	26	21	31 2	6 5		9 3	9 2	88	32	24	16	28	40			
PADDCAH NO 5 FIRE STA	M	AX IN	33	35 33					66 5	7 6	37 4 11 4	11 1	55 5 31 3	58 6		39 3	32	36 29	29	31	30 4 29 2		6 4	5 2	8	55 28	31	50 17 35	16	31			
PIKEVILLE	И	AX	58 45	56 36		51 23	57				58 4 14 4	18	52 5 38 3	36		79 5	36	37 28	37 29	23	26 2	5 6	4 4			-	31	19	15	24			
PRINCETON				34 31	42 16	50 18	58	64 52	59 7				62 32		61					24	26 2	3 3	8 3	10 :	21		54 28	15	25	40			
RICHMOND TEACHERS COL	и	AY	39 34	43 37	42 18	35 20		57 30	13	16 8				55 32	58	70 6	67 34		35 26	37		8 4	2 3		56	48 27	24	11	31	47 19			

See reference notes following Station Index.

DAILY	TEMPER	RATURES

KRIG ((VICA - 10%)

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USSELLVILLE	MAY MIN	40 35	40 35	40	38 22	46 20	80 21	62 45	57 43	70 42	45 40	49	58 33	64 43	66 46	65 32	38 25	40 23	46 25	87 25						42 30							10 1
T JOHN BETHLEHEN ACAO		34 32	39 33	37 17			57 24					48 30		58 41	65 54		33 22	33 23	43 23	64 27						46 25							47 0 27 6
CIENCE HILL	MAX	53 37	47 38	39 21		59 21			60 34		43 39	52 28		69 50	66 52	52 33		42 29	63 23		45 22		58 42		50 32	49 25		44 15					31 .
COTTSVILLE		45 34		40 22	49 19		59 49	59 48		61 40,	51 39	54 30		68 57	64 45	46 33	37 29	45 23	65 29	56 28	50 21		60 34		53 37	56 28		48 17					$\frac{53}{12} \frac{9}{4}$
HETBAAITTE 3 M	MAX MIN	35 31	39 33	38 18		51 21	57 25	59 42	49 31	57 32	43 38	47 29	56 30	54 40	66 53	64 32		32 22	41 22				53 30	58 24	48 24	45 22	31 7						47.1 26.5
ILL:AMSBURG	MAX	57 44	60 39	43 35	47 32	59 22	55 45	55 47	60 35		45	57 32	61 35	71 51		58 33		43 28	58 24				60 47		57 30	59 25		45 14					55.4 32.9
ILLIANSTOWN	MAX	32	38 32	38 17	33 17	45 22	53 27	55 39	45 30	53 29	42 37	45 31	51 32	44 39	65 44	68 33	34 29	30 23	33 24	60 24	38 19	32 21	50 26	56 23		42 21	23 0	23 0	42				43 3 25
OLF CREEK DAM	MAX	46 41	46		24		63 50	55 51	56 36	65 41	52 41	46 32	57 34	65 37	72 60	67 36	37 32	35 28	46 24	66 27	45 22	49 26	64 29	61 29	51 30	54 27	57 20		51 24				53 3 32,5

EVAPORATION AND WIND

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FOLF CREEK DAM	EVAP	.08	.04	* 44	:	*	.18	.02	.05	89	.04	.01	:	.06	.04	.11	.04	.02	.07	.09 74	9	.11	.09 78	. 04 78	.07	. 10	* 43	* 24	. 24				B1.37 1,044

## SNOWFALL AND SNOW ON GROUND

able 7

Station																,																
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CORBIN CAA	SNOWFALL SN ON GND															т	т	Т		Т							Т					
COVINGTON WB AIRPORT	SNOWFALL SN ON GND															T	ř <sup>1</sup>	T T	Т	Т	T		Т	т		2.8	2	т				
DANVILLE	SNOWFALL SN ON GND															Т	т	Т									Т					
PARMERS	SNOWFALL SN ON GND																Т	Т									.7	т				
FORDS FERRY DAM 50	SNOWFALL SN ON GND	т														T T																
FRANKFORT LOCK 4	SNOWFALL SN ON GND																	Т														
HINDMAN SETTLEMENT SCH	SNOW FALL SN ON GND																	Т														
LEXINGTON WB AIRPORT	SNOW FALL SN ON GND															T	T	Т		Т			Т	Т		T	Т					
LOUISVILLE STAN WB AP	SNOWFALL SN ON GND								Т							Т	Т									T						
MAMMOTH CAVE PARK	SNOWFALL SN ON GND															Т																
MAYSVILLE DAM 33	SNOWPALL SN ON GND																T	T		Т			Т	Т			2.5	2	1			
OWENSBORO	SNOWFALL SN ON GND									Т																						
PADUCAH, CAA	SNOWFALL SN ON GND															Т																
WILLIAMSTOWN	SNOWFALL SN ON GND																										1,5					

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp. rit	ion	Refer to tables	Station	Index No.	County	Drainage:	Latitude	Longitude	Elevation	Obs vatio	ac	Observer	Refer to tables
ADOLPEUS 1 H ALLEN ANCHORAGE	0043 0095 0155	BRECKINGIDGE ALLEN FLOYD JEFFERSON PIKE	3 1 7	37 55 38 39 37 35 38 18 37 18	83 33	380 800 650 700 1100	79	6A CORPS OF ENGINEERS 7A IDELL M DEARING 8A MANNIM AUXIER 7P C E BARRET 8A MARY 8 EATLIFF	3 4 3 4 3 2 3 3	LOGLICM I 8 LONDON POST OFFICE LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LODISVILLE STAN WB AP	4893 4943 4951	CLARE LAUREL LAWRENCE JEFFERSON JEFFERSON	2	37 51 37 08 38 07 38 13 38 11	84 02 84 05 82 37 83 40 85 44	1250 584 558 485		7A	MRS B BURGHER B W MC NASSEX BUSTER SEE US ENGINEERS' US WEATHEN BURKAU	3 4 3 4 3 4 3 4 2 3 4 5
BARBOURVILLE WATER WES SARDSTOWN BAXTER HARLAN WATER WES	0381 0369 0450	BOYD ENOX NELSON BARLAR OHIO	8 2	38 27 38 52 37 48 38 51 37 25	85 28 83 20		8A 6P	SA CORPS OF ENGINEERS MID JOHN N WHARTON 7A MESS POPE SISCO MID CTEUS S LAYSON 6P E G TOUNG	2 3 5 7 3 4 3 3 4 2 3 3 7	LOUISVILLE UPPER GAGE LOUISVILLE WH CITT LOVELACEVILLE LUCAS MADISONVILLE 1 8M	4956 4967 5002	JEFFENSON JEFFERSON BALLARD BARREN HOPKINS	6 3	38 17 38 15 36 58 36 53 37 19	85 48 85 48 88 50 88 02 87 29	403 457 479 435	8P	8P	US ENGINEERS US VEATURE BUREAU SLAINE MALONE CECIL H BRITT J V MC COT	3 2 3 4 3 2 3 5 3 4 2 3 4 5
BEREA COLLEGE BEREA WATER WORKS	0611 0619 0624	HARLAN WARSHALL WADISON WADISON WELSON	9	38 58 36 51 37 34 37 34 37 46		2580 380 1070 1100 430	8A 6P	8A C C WBITEARER MID WILLIAM NELSON SP JAMES A CEDOSSMAN 7A MRS L B GAFFARD 8A MRS PAULENE COY	2 3 5 7 3 4 2 3 4 5 3	MANDOTE CAVE PARE MANCHESTER MAYFINID SUBSTA MAYFIELD 2 S MAYSVILLE DAM 38	5110	EDMONSON CLAT GRAVES GRAVES MASON	6 8	37 11 37 09 36 44 38 42 38 38	85 06 83 46 88 38 58 38 83 42	800 450 364 364 324	7A 5P	7A 5P	NATIONAL PARE SEMV EARL HOWARD TVA MRS JOE PAYNE CORPS OF ENGINEEES	2 3 5 2 3 5 3 2 3 5 2 3 4 5
BOWLING GREEN SUBSTA BOWLING GREEN WE AP BRENT DAM 36	0907	CAMPBELL	3	37 00 37 01 36 58 39 03 37 12	86 28 86 26 86 26 84 25 88 16	535	MIO	7A JAMES E NOWARDS TVA MID US WEATHER BUREAU 7A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS	3 3 2 3 4 5 7 3 3	MC MINNETSBURG MIDDLESSBORO MIDDLESSBORO RE STA MIDWAY 2 8 MILLERSBURG	5389 5394 5407 5436	PENDLETON BELL BELL WOODFORD BOURBON	2 4	38 38 36 37 38 37 38 07 38 18	84 15 83 43 83 43 84 42 84 09	810 1128 1130 805			AMANDA A AULICM HUGB ALLEN FRANK N TALIAFERRO JOEN B NUGENT W T ALEXANDER	3 4 2 3 3 3 4 3 3 4
SURNSIDE CAD12 LOCM M CAMPBELLSVILLE	1158 1208 1258	MERCER PULASEI TRIGG TAYLOR CARROLL	3 3	37 48 36 59 36 48 37 20 38 41	85 21	770 705 424 777 480	4P	SA C W WILLIAMS TA SARAR E LEWIS TA COMPS OF ENGINEERS TA ALVA MC BINLEY TA CORPS OF ENGINEERS	23 58 3 3 23 5 3 4	MILLERSTOWN MONTICELLO MOREHEAD STA TEACH COL MOUNT STERLING MUNIFORDVILLE	5524	GRATSON WATNE ROWAN MONTGOMERY RART	2 5	37 27 36 50 38 11 38 03 37 16	88 03 84 51 83 25 83 57 85 53	580 910 770 830 600	5P	7A 110	MRS O M LAWLER M O COOPER B C RAGGAN FRED CARTWILL HUBERT E BODGES	3 3 3 4 2 3 3 3 4
COLLEGE BILL LOCK 11	1631 1704 1722	MUSHLANBARG BICEMAN MADISON ADAIR BRECKINRIDGE	4 3	37 19 36 41 37 47 37 06 37 40	87 07 89 00 84 06 85 15 B5 14	729 800		MID WILLIAM A OATES MIO #000500 O FRANKLIN 7A CORPS OF ENGINEERS 7A MRS RAZEL 8 PICKETT MID MRS GLEWNIE L SHARE	3 4 3 4 3 3 3 3 4	MURRAY OLIVE BILL OLNET ONEONTA OAM 35 OWENSBORO	6012 6026	CALLOWAY CARTES HOPKINS CAMPSELL GAVIESS	7 7 7	38 38 38 18 37 13 38 58 37 48	88 20 83 11 87 47 84 18 87 09	800 752 380 497 420	8P	8A 6A 7A	NURRAY WATER STSTEM CHARLES M CRAWFORD ART D WILLIAMS CORPS OF ENGINEERS VIRGIL P CLARE	2 3 5 3 4 3 3 2 3 5
CORBIN WATER WORKS COVINGTON WH AIRPORT CYNTHIANA	1806 1855 1998	WHITLEY WHITLEY KENTON HARRISON BOYLE	7 5	35 58 36 57 39 04 38 23 37 39	84 08 84 06 84 40 84 18 84 46	1070 869 684		MID CAA 7A CORBIN WATER WORES MID US WEATHER BUREAU 7A MARSHALL BILL 7A E P COLDIRON	2 3 4 5 7 2 3 4 5 7 3 3 5 7	OWENSBORO DAM 46 PADUCAE NO 5 FIRE STA PADUCAE BCS HURSERT PADUCAE CAA AP PA INTSVILLE	8115 6117 5116 6136	DAVIESS MC CRACKEN MC CRACKEN MC CRACKEN JOHNSON	7 7 1	37 47 37 05 37 04 37 04 37 49	87 08 88 37 88 35 88 46 82 48		M10 1	7Å	CORPS OF ENGINEERS WESTERN P LACKET SOIL CONSERV SWRT O S CIVIL AERO ADM JESSE FAIRCBILD	3 4 2 3 5 3 4 2 3 4 5 3
DELPRIA DEMA OUNDER BARRETTS PORD BR	2131 2139 2358	MARTIN PERRY ENOTT OBIO WULLENBERG	1 3	37 48 37 02 37 25 37 33 37 05	88 43	850		MID BERTHA OB LONG 5P RALPH S BEALL 8A HATTIE B BARNEY 7A J L RUFF 7A N O GIVENS	3 4 3 3 3 4 3	PIKEVILLE PINEVILLE PLEASUREVILLE 2 5 PRINCETON RAVENNA LOCK 12	6384 6435 6575	PIEE BELL SHELBY CALDWELL ESTILL	4 2 4	37 29 38 45 38 20 37 06 37 40	82 31 83 42 85 07 87 53 83 57	688 998 882 529 631		78	US WEATHEE SUREAD F PARTIN E B WORGAN ALTON M HARTILL CORPS OF ENGINEERS	2 3 4 5 3 2 3 3 3 3
EDMONTON ELIZABETHTOWN	2445 2469 2510	CASEY LYON METCALFE HARDIN PENDLETON	3	37 13 37 03 37 00 37 42 38 40	84 58 88 05 85 37 85 52 84 20			SA LINNIE O TARTER 7A CORPS OF ENGINEERS 7A JOHN M MORAN 7A ROBERT E SETTLE 8A JESSIS OLDHAM	3 3 3 4 3	SICHMOND E STATE COL BUMSET LOCE 2 RUSSELLVILLE EUSSELLVILLE SUBSTA SADIEVILLE WAYER WORES	7035 7045 7054	MADISON MC LEAN LOGAN LOGAN SCOTT	3	37 44 37 32 38 31 38 50 38 23	84 18 87 18 88 53 88 54 84 32	1000 384 590 576 890	1	MID	THOMAS C HERNDON CORPS OF ENGINEERS OB S S MC RETWOLDS TTA EICHAED E ZETSING	2 3 5 3 4 2 5 5 3 3 4
FLEMINGSBURG FLEMINGSBURG POST OFFICE FORD LOCK 10	2963 2968 2953	ROWAN PLEWING FLEWING MADISON CRITTENDEN	5	38 08 38 25 38 25 37 53 37 28	83 33 83 43 83 44 84 15 88 06	593	7A 8P	7A MRS C C STAMPER 7A BYRON F FLEMING MIO MAURICE O CAPPENTES 6A CORPS OF ENGINEERS 6A CORPS OF ENGINEERS	2 3 5 7 3 4 3 4 2 3 4 5 7	ST JOHN BETHLEHEM ACAD ST MARY SALVIBA LOCE S SALVERSVILLE SCIBNCB BILL	7096 7121	HARDIN MARION MERCER MAGOFFIN PULASEI	8 4 5	37 42 37 35 37 58 37 46 37 11	85 59 85 21 84 49 83 04 84 39	777 730 520 900 1065	1	7A HIO	SISTEE S M GSELL ST MART COLLEGE CORPS OF ENGINEERS J M MAT WILLIAM B DOSBS	2 3 5 3 4 3 4 2 3 5
FRANKLIN WATER WORKS FRENCHBURG	3036 3052 3194	FRANKLIN SIMPSON MENIFEE SCOTT HENRY	3 5 4 4	38 13 38 43 37 57 38 12 38 25	84 33 84 53	930 880	64	5A CORPS OF ENGINEERS 7A EERMAN D NEAL 3P FRENCHBURG SCHOOL 8A JOE W ATRINS 7A CORPS OF ENGINEERS	2 3 5 7 3 4 3 3 3 4	SCOTTSVIÉLE SEBREE WATES WORKS SHELDTVILLE 2 W SHEPHERDSVILLE SMITHFIELD 4 5	7324 7334	WEBSTER	8	36 45 37 56 38 13 37 59 38 20	86 12 87 32 85 16 85 44 85 18	770 360 825 450 882	7A 5P	7A 7A HID	NOBLE ALLEN SEBRKE WATES WORES WILLA B A RATTA CONPAD MARAMAN F W SIMPSON	2 3 5 3 2 3 3 2 3 5 3 4
GRANT DAM 38 GRAVEON	3358	HARDIN	2	37 00 7 37 54 7 38 59 7 38 19 3 37 18	82 57	506 588	7A	7A OSA L FOLLIS MIO OS AIR FORCE 6A CORPS OF ENGINEERS 8A SERRLET I STATEN 7A MRS WELL M LINGLE	3 4 3 3 3 2 3 5	SOMERSET BIWAY OEPT SPRINGFIELD STEARNS SUMMER SHADS BUBSTA TATHAM SPRINGS	7604	PULASEI WARBINGTON MC CREARY METCALFE WARBINGTON	8 2	37 07 57 41 35 42 36 53 37 52	84 33 85 14 84 29 85 40 88 09		1	A8 OIM	COTLE A WILSON WM H COATLET C M CBITWOOD TVA K C OKDMAN	3 4 3 4 3 4 3 4
GREENSBURG SIWAY 61 B5 GREENUP 0AM 30 GREENVILLE 2 W EALEYS MILL EARTFORD 6 N	3443 3451 3539	GREEN GREENUP MUHLENBERG CHRISTIAN OBIO	3 3 3	37 15 7 38 37 37 12 37 03 37 32		318 740	59	7A KENNETH STOTIS 7A CORPS OF ENGINEERS 5P CR LOVELL MIO CLEATUS B BRINKLEY 6P W R CARSON SE	3 3 2 3 3 3 4 3	TAYLORSTILLE TOMPENSVILLE TOMPENSVILLE TOMPENSVILLE TURKET CREEK SCHOOL TYRONE LOCE 3	8065 8065 8144 8178	ANDERSON	3 9 4	38 02 38 42 38 42 36 45 38 02		350 524	)	7A 7A	MES KATHETH B CARE JAMES T PHILPOTT MES ALICE H BALE TVA CORPS OF ENGINEERS	3 4 3 3 3 3
HEADQUARTERS	3722 3741 3762	PERRY NICHOLAS LEE HENDERSON CHRISTIAN	1 3	37 15 38 24 37 33 7 37 47 2 36 44	83 45 87 37	860	SP SP 6P	MID B A BAILEY 5P MRS G L JENNING8 6A CORPS OF ENGINEERS 5P FRANE STREET MIO C W MEATTS	3 4 2 3 3 2 3 4 5 7 2 3 5 3 4	UNIONTOWN OAM 49 TALLET VIEW LOCE 9 WANCESURG OAM 32 WAYNESBURG 6 E WEST LIBENTY WATER WES	8246 8259 8486 8551		7 2 5	37 48 37 51 38 38 37 22 37 55	87 57 84 28 83 21 84 34 83 13		78	7A 7A 7A 7A	CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS FRANK SORCE JOHN W TURNER	3 4 3 3 3 2 3 5
	3837 3899 3929	GRAVES JESSAMINE ENOTT LARUE CHRISTIAN	3 2	36 48 37 48 37 20 37 32 36 52	87 27	1080 524	8A.		3 3 2 8 5 7 3 4 2 3 3 7	WILLIAMSBURG WILLIAMSTOWN WILLOW LOCE 13 WOLFE CREEE 0AM WOODSUBY LOCE 4	8714 8724 8807	WHITLET GRANT LEE RUSSELL BUTLER	5 4 2	35 44 38 38 37 36 38 53 37 11	84 10 84 34 88 50 85 08 86 38	839 943 548 510 504	7A 7E 8A	7A 7A	CHARLES B WEST MISS N B SIMPSON CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS	2 3 5 2 3 5 3 4 5 8 3 4
HYDEN IRVINGTON JACKSON JENEINS JENEINS WATER WORKS	4185 4196 4236	LESLIM BRECKENRIDGE BREATHITT LETCHER LETCHER	1	37 10 37 53 37 33 37 33 37 10 37 10	82 38 82 38	598 1600	79	7A MR W M GILLESPIE MIO BIBBERT ELKINS 7A BILLEE L, WILLIAMS	2 3 5 7 3 3 4 3 4	- NEW STATIONS HAZARD WATER WORKS	3714	PERRY	4	37 15	83 I1	840		7A	SURCHALL MUNCT	з
JEREMIAH EKENE 2 W EKNTUCKY OAM LANCASTEB ICE PLANT LAURA	4369 4414 4620	LETCHER JESSAMINE LIVINGSTON GARRARD MARTIN		37 10 4 37 58 9 37 01 4 37 37 1 37 45	88 16 84 35 82 25	950 382 1032		7A MRS SUSAN F ISON 7A MARION W MARIN 7A TVA 8A MENTUCKY UTIL CO 8A JAMES A FIELD	3 3 3 4 3 3											
LEITCHFIELD LEINGTON WE AIRPORT LIBERTY LITTLE BICKMAN LOCM 8 LOCEPORT LOCK 2	4746 4755 4825	GRAYSON FATETIE CASET JESSAMINE FENRY	1 4	3 37 28 4 38 02 3 37 21 4 37 45 4 38 25	84 38 84 53 84 35	979	83 MIO	8A GEORGE O LITSET MIO US WEATHER BUREAO 7A PALLIA L EANELA 7A CORPS OF ENGINEERS 6A CORPS OF ENGINEERS	2 3 5 7 2 3 4 5 7 3 4 3 4	‡ DRAINAGE COOE: 1 Big 7 Obis	Sand	y; 2 Cumberlas Salt; 9 Tences	nd;	S Gree	m; 4 E	intuck	y; 5 1	Lick	ing; 8 Mississippi;	

## REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 85%, iodicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin Mosthly and seasonal snowfell for the preceding 12 souths will be carried in the June issue of this bulletin.

Stations appearing to the ladex, but for which data are not listed to the tables, are either missing or received too late to be included in this issue.

Onless otherwise indicated, dimensional units used to this bulletio are: Temperatures in Tr, pracipitation and evaporation in inches, and wind movement to miles. Evaporation is measured in the standard Teather Eurose type pan of 4 foot dimenter unless otherwise shown by footcote following Table 6.

Sleet and hail were included to snowfall averages to Table 1, beginning with July 1948.

Amounte in Table 4 are frow recording games, Traces are not abown.

Amounts to Table 3 are from non-recording Mages, unless otherwise indicated. Deta is Tables 3, 5, 6 and enowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Soor on ground is Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations move on ground values are at 7:30 p.m. E.G.T.

- of it him? Is at theoretical time for all except father horses and CAA stations. For these stations move on ground values are at 730 p.m. 16.7; for more of the Thimse 2, 4, 6, 7 and the Station beat, 9, 80 record in Thimse 2 and 5 is indicated by no entery. These boarly precipitation is missing or accommission for neveral date, and the state of the state

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AUG 9 5 1950

# CLIMATOLOGICAL DATA

KENTUCKY

MARCH 1950 Volume XLV No. 3



### KENTUCKY - MARCH 1950

O. R. Anderson, Section Director - Louisville

### Weather Summary

The abnormally warm, moist weather of the past two months gave way to a March with below normal temperatures and precipitation. Farm work was generally one to two weeks behind for this time of the year because of the cold weather. Stages in the lower Ohio River continued high the first few days of the month following the flood conditions of February. However, all streams continued a slow fall.

Temperatures were much below normal the first three days, but became normal on the 4th and continued to rise until the 8th. From the 8th to the 24th the readings were again below the seasonal average with a few daily exceptions. The period of the 24th through the 28th was the warmest interval of the month. This warm period was followed by temperatures again much below normal. The highest daily temperature for the month was generally on the 26th or 27th in the western and central divisions of the state and on the 27th or 26th in the eastern division. The lowest reading was generally on the 2nd in the western and central divisions and on the 27th or 26th in the eastern 3rd in the eastern. Each section of the state had negative departures from the normal with the eastern showing the largest departure. The mean temperatures from the 45.0° at Russellville to 38.0° at Williamstown. The highest temperature recorded in the state was 88° at Pikeville on the 27th and the lowest 7° at Covington Weather Bureau Airport on the 2nd.

Precipitation as well as temperature was below normal, reversing the trend of the previous month. Rainfall again was unequally distributed and consisted of sporadic light and heavy showers. The distribution over the state was a rather irregular progression of decreasing amounts going generally from west to east and south to north, with amounts in excess of six inches confined to the extreme west. The least monthly falls were recorded in the north central counties. Precipitation occurred throughout the month, not being confined to any specific period. Only the western division showed a plus departure from the normal in precipitation. Snowfall again was light and below the normal for March. The average precipitation for the state was 3.74 inches which is 1.00 inch below normal for March. The total amounts recorded a various stations ranged from 6.27 at Lovelaceville to 1.63 inches at Lockport Lock #2. The heaviest rainfall reported in any one day was 3.19 inches at Paducah CAA on the 27th. The monthly average of snowfall was 0.3 inch or 1.4 inches less than normal. The greatest monthly amount was 5.3 inches at Jeremiah. The greatest depth on the ground was 5 inches at Farmers and Jeremiah on the 2nd and at Benham on the 2nd, 9th and 10th.

Unseasonably cold weather during most of March, together with intermittent rains, snow, and frost, delayed preparations for spring plantings by one to two weeks. Rains of the previous months kept the soil wet and this and to do some plowing. Some freeze damage was reported to red heart wheat early in the month and damage to peaches and advanced vegetation by killing frost at the end of the month. Cover crops and fall-seeded small grains were somewhat retarded by the cold weather and some loss was reported because of flooding of lowlands in the western part of the state. Pastures and legumes were improving during the month and by the end of the period, were fair to good. Stock feeding was decreasing with the improvement of pastures. Seeding of tobacco plant beds was nearing completion. Some soil erosion in plowed fields was reported due to heavy showers especially in the western part of the state. According to the U. S. Department of Agriculture, although many farmers are behind in the planting of gardens and spring plowing, they would soon be able to get most of the rush spring work completed if weather permitted working of the soil for a couple of weeks.

On March 27th, a wind and rain storm hit Boyle, Pulaski, Wayne, Harlan, McCreary, and Fayette counties resulting in about \$80,000 property damage and about \$1,000 crop damage. Winds of 60 miles per hour were recorded in some localities.

Stages in the lower Ohio and Green Rivers were high the first few days of the month following the flood conditions in February. All streams continued a slow fall until a storm on the 27-28th started the river rising again, especially along the lower Ohio and Green Rivers.

## OWNOW! PINCHERED

In addition to the climatological data from some 6,000 Weather Bureau and cooperative seather stations, this bulletin series contains records from Hydroclimatic Network to the two Kitations which were formerly reproduced in the Hydroclimatic Series. The Hydroclimatic Network is a nationaide net of rain gages—mostly of the recording type which produce continuous records of precipitation gages—mostly of the recording type shirt produce continuous records of precipitation that the series of the first two types of the produce that the series of the first two types of the series of the first two types of the first two

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued anothly for each of 8 drainage areas sebracing the entire United States, but since the Network were resured as a state of the States, but since the Network were resured to the provision was made for public disseasination of the data, distribution being Haited to cooperating agencies and to certain public repositories. A list of locations where effected on the Hydrologic Bulletin Series are available for imspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available, through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

# SUPPLEMENTAL DATA

						SUP	PLEM	1EN1	AL	DAT	ſΑ									KENTUCKY BCJ 1950
	Wind	direction		Wind m	apmed p h		Relat	ive hum	idity av	stages		Numl	ber of d	uys with	precip	ilation			and a	PLU THIM
Station	Prevailing	Percent of time from prevailing	Average	Festwet	Direction of	Date of fastest mile	1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Trace	01-09	10-49	86 -08	00-139	2 00 and over	Total	Percent of possible substine	Average say cover subrise su	Degree davi
XINGTON WO AP	SSW RSW	15	14.6		SW	28	72 67	75 75	57 56	81 57	9 5		1 3	3	1 0	0	20 17	58	8.7	743 591

Table 1								COM	PAR	ATI	VE D	ATA								
	Т	emperatu	ile .	P	recipitation	on.		Te	mperatu	Te .	Pi	recipitatio	n		T	emperatu	10	P	recipitatio	on
Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Avetage	Hignest	Lowest	Average	Average	No. of days .01 or more
1889 1890 1891 1892 1893 1894	40.5 41.2 11.8 10.5 45.0 50.8 15.0	84 78 71 82 89 86 88	18 4 9 7 5	1.52 8.34 8.08 4.08 2.76 2.72 3.17	-	9	1914 1915 1916 1917 1918	41.8 37.8 43.5 45.9 51.6 47.6 46.3	78 65 84 84 85	11 4 0 17	3.62 2.11 3.39 6.52 1.97	6.4 3.5 3.7 8.1 T	12 8 10 14 8	1939 1940 1941 1942 1943	49.4 43.9 40.5 48.4 43.0	90 31 74 85 80	15 11 2 15 - 6	5.78 5.04 1.65 4.48 7.63	T 1.9 1.1 2.2 3.0 0.5	9 10 8 13 10
1896 1897 1898	11.1 19.6 50.7	80 86 84	8 20 16	6.16 7.94 7.59	0.2	12 14 13	1920 1921 1922 1923	56.7 49.4 45.6	88 87 83 80	- 1 19 19 3	4.85 5.75 3.11 5.27	0.5 T	10 11 14 9	1945 1946 1947 1948	56.5 56.1 38.6 49.8	91 85 77 87	20 18 - 1 8	7.06 4.47 2.36 6.26	0.2 10.8 0.1	13 13 10 11
1899 1900 1901 1902 1903	43.9 42.8 46.4 47.2 52.5	80 81 87 82 85	- 3 - 3 3 7 19	8.10 2.58 3.50 4.44 4.43	2.4 3.9 0.5 6.1 T	15 9 10 11 12	1924 1925 1926 1927 1928	41.5 49.2 40.2 48.4 45.6	81 84 84 82 85	14 4 4 10 12	3.05 3.59 2.80 6.04 2.64	1.8 0.4 2.3 3.5 2.7	9 9 11 11 8	1949 1950 PERIOD	45.8 43.1 43.4	86 38	10 7	5.17 3.74 4.74	1.1	11
1904 1905 1906 1907 1908	47.7 52.2 39.2 54.9 51.8	88 86 75 92 88	12 22 3 18 19	6.26 1.45 6.37 2.28 5.42	0.5 T 2.0 0.8 0.6	12 9 16 10 13	1929 1930 1931 1932 1933	52.0 44.5 41.4 41.2 46.0	-94 76 73 80 78	9 9 18 4 10	4.17 2.17 3.66 4.95 5.52	1.2 1.2 1.9 1.5	10 9 17 10							
1909 1910 1911 1912 1913	44.8 55.0 46.0 41.3 46.5	74 91 87 88 85	17 11 7 10 9	5.14 0.79 2.57 6.22 7.22	0.3 0.6 6.6 0.5	11 3 9 15 10	1934 1935 1936 1937 1938	43.6 54.6 50.7 42.2 53.7	80 86 81 77 86	5 20 19 6 11	4.83 9.56 4.85 1.43 6.29	2.1 0.3 3.2 2.3 T	13 14 11 7							

Table 2																	MARCH	1950
				Temperat	ure							P	recipitatio					
Station	Average	Departure from Normal	Highest	Dude	Lowert	Date	Max. 90° or above	Min. 32* or below	Total	Departure from Normal	Greatest Day	Date	Snow	Max. Depth on Ground	Date	.01 or more	25 or more	1.00 or more
WESTERN DIVISION																		
BEAVER DAM FORDS FERRY DAM 50 GREENVILLE 2 W HENDERSON 4 SW HOPKINSVILLE 2 E	45.4 45.6 44.3 43.7M	- 2.0 - 3.2 - 5.4	76 78 76 77 78	26 26 25+ 26 26	16 18 15 15 16	2 2 2 2 2	0 0 0 0	18 12 14	4.13 5.25 3.58 4.65 2.81	38 .28 - 1.55 86 - 2.19	1.82 1.93 1.30 2.48 1.25	11 27 27 27 27 28	T T O	т	8	6 12 7 7 7	3 7 5 4 4	2 1 2 1 1
LOVELACEVILLE MADISONVILLE 1 SE MAYFIELD 2 S MURRAY	45.7 42.6 44.2M 46.6	- 3.3 - 5.2 - 2.1 - 2.4	77 77 77 78 75	26 27 26+ 26 26	18 16 14 18 16	2 2+ 2 2 2+	0 0 0	17 18	6.27 4.03 4.52 4.03	.95 - 1.03 79	2.00 1.32 1.42 1.30	28 12 27 28	T T	т	13+	8 11 6 12	5 3 5 7	2 2
OWENSBORO  PADUCAH CAA PADUCAH NO 5 FIRE STA PRINCETON RUSSELLVILLE	44.5M 43.2 46.2 44.9 46.9M	- 2.8 - 3.1 4	77 79 78 76	26 26 26 26 27	18 19 16 18	2 2 2 2 1	0 0 0	16 14 19 10	6.10 5.93 4.61 3.84 4.60	1,00 35 - 1,11	3.19 3.00 1.55 .91	27 27 27 27 28	T T O			9 8 9 9	4 4 6 5	2 1 2 0
DIVISION	44.9																	
CENTRAL DIVISION  ANCHORAGE BOWLING GREEN WB AP BURGIN DIX DAM CAMPBELLSVILLE COVINGTON WB AIRPORT	41.9 44.0 44.7 38.7	- 2.5 - 5.1	75 74 76 78	26 26 26 26	11 17 10 7	3 2 2 2	0 0	18 17 18 18	2.98 3.77 4.01 3.49 2.09	- 1.45 - 1.45 46	.83 1.17 1.42 .74	27 27 12 27 20	T T 0	T 2	2	8 10 9 8 9	6 5 4 8 3	0 1 1 0 0
DANVILLE FRANKFORT LOCK 4 IRVINGTON LEITCHFIELD LEXINGTON WB AIRPORT	41.4 41.0 43.5 44.2 40.8	- 4.8 - 4.9 - 3.4 - 2.4 - 2.9	78 80 73 73 78	27+ 27 26 26 26	12 13 14 13 11	2 2+ 2 2 2	0 0 0 0	18 21 18 18 18	3.66 2.54 3.04 4.23 3.61	- 1.11 - 1.88 - 1.72 59 71	1.45 .74 1.08 1.18 1.03	12 12 27 12 11	T T T	т	2+	10 12 10 12 11	5 3 5 5 4	1 0 1 2
LOUISVILLE STAN WE LOUISVILLE WE CITY MAMMOTH CAVE PARK ST JOHN BETHLEHEM A SCIENCE HILL	42.5 42.5 45.3 40.1 44.7	- 1.6 - 2.9 - 1.8 - 5.4 - 1.5	76 74 75 73 78	26 26 27 27 26+	13 14 15 10 15	2 2 2 3 2	0 0 0 0	16 14 19 24 18	2.80 2.76 3.51 3.81 3.41	- 1.59 - 1.63 - 2.46 - 1.08 - 1.35	.75 .81 .82 1.21 .92	27 27 27 12 27	0.1 T T 0 T	T	2	12 9 9 8 8	6 5 6 4 7	0 0 0 1
SCOTTSVILLE SHELBYVILLE 2 W WILLIAMSTOWN WOLF CREEK DAM	46.2 42.4 38.0 45.4	- 2.4 - 6.4	76 76 80 81	26 26 27 27	17 12 9 19	2 2+ 2+ 2	0 0 0	18 20 20 14	4.51 3.15 E2.34 4.50	- 1.68 - 2.12	1.19 .63 .84 1.27	27 27 21 28	О	т	1	9 12 15 13	7 5 3 6	2 0 0 1
DIVISION	42.6								3,38				0.2					
EASTERN DIVISION ASHLAND DAM 29 BERHAM BERKA COLLEGE CORBIN CAA FARMERS	40.5 42.9M 42.9 43.5 41.9M	- 6.4 - 4.2 - 3.5	86 84 81 79 85	28 27 27 26+ 27	11 14 14 16 8	4 2 3 2+ 3	0 0 0 0	19 22 17 21	2.97 3.89 3.28 3.13 4.08	- 1.35 - 1.66 49	.67 1.10 .97 .98 1.76	12 28 27 27 27 12	0.5 4.8 0.3 0.1	T 5	2+ 2+ 8 2	15 23 12 10 12	4 6 6 6 4	0 1 0 0
HEADQUARTERS HEIDELBERG LOCK 14 HINDMAN SETTLEMENT MANCHESTER MAYSVILLE DAM 33	41.2M 44.6 42.3	- 1.2	80 85 86 83 83	27 27 28 27 28	11 11 9	3 3 3+	0 0 0 0	17 20 22	3.34 3.51 3.74 2.84	- 1.58	.73 .93 1.08 1.05 .72	27 28 28 28 21+	T T	T 1	14	10 12 8 13	6 4 7 4	0 1 1 0
MOUNT STERLING PIKEVILLE RICHMOND TEACHERS COLLEGE WEST LIBERTY WATER WILLIAMSBURG	43.5 44.0 41.1 42.1M 45.9	- 1.1 - 5.0 - 4.9 - 2.8	81 88 81 80	27 27 28 26+	10 14 12 13 17	2+ 3 2 2 2	0 0 0 0	17 20 18 15	4.63 2.98 4.34 3.86 3.54	52 - 1.34 25 - 1.29	1.51 .77 1.40 1.20 1.10	12 28 12 12 28	0 0.5 T	T	2 2+	13 10 13 9	3 5 5 5	0 1 1 1 1
DIVISION	42.5								3,58	1			0.7					
STATE	43.1	- 3.3							3.74	- 1.00			0.3					

Table 3											DA	IL.	Y	?R1	EC.	IPI	TA	TI	10	1												MA NO 10	FTU: KT
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day IS	of m	outh 17	18	19	20	21	22	23	24	25	8	37	28	29	30	31	Total
DOISON DAW 45 DOISHUS I N LIEN NO MORAGE SHCAMP	1	.15 02 .05	т					T .36	.60 14 .30 .43	. 15		.05 .35 .19	.60 .20 .37 29	30 .31 .30 .04	.40		.03 .16	T 55	32	.02	.40 .3H	.10	25 ,01	T .02	Ī			Title 10	1.25	.02			3.48 3.00 3.63 2.98 2.36
SHLAND DAM 29 REDOURVILLE WATER WX ARDSTORM ANTER BARLAN WIN WKS BAVER DAN	R R	.08	.03					T	, 10 , 34 24 , 25	.07		T .21	.67 .34 1.03 .50	.40 .37 .18	.03		.30	.11	.09	Т	. 30 . 24 . 15	. 20 . 48 . 98	.17 .05	.15	. 02			1,00	1,00 .60 .76 1,30	T	T .01		2.38 2.97 2.80 2.76 3.62 4.13
NEAW	R 3	.01 .27 .20	.33 .03 T	.01	.0:	01	5 .01	.22	.35 .34 .55 .28	. 03 T	.02	.94 .42	.10 .29 .44 .48 .84 1.08	.85 .35 .53	.16	.02	.15 .0N .22 .16	.06	. 01	.47	. 43 T . 29 . 39	.35	.03 .02 .05	.02	. 03			.88 97	1,10 .02 1.10 .68	. 10	.08 T _04	.02	3,89 4,45 3,28 4,33 3,11
OWLING ORERN OWLING GREEN SUBSTA OWLING ORERN WD AP EENT OAN 36 OWNSYLLLE LOCK 8	K	.58 .42 .09	.05				т	.03	.52 .52 .01 .31	T	т	.74 .02 .01	.75 .79 .48 .38	.67 .58 .18			.07 .09 .15 T	.08			.28 .31 .02 .45 T	.21 .08 .18	. 02 T	.04			T	1 17 02	.68 1.12 .94 .05	T	.01	.05	3.11 4.25 3.68 3.77 1.81 3.51
RGIN DIX DAM RMSIDE DIE LOCK E MPDELLSVILLE	2	.15 .78 .45 .35	T	т				.07 T	.22 .58 .16 .25	т			1.42 .55 1.08 .45 .10	.35 .43 .85 .40	т		.10 .17 .13 .42	. 20 . 20 . 03			.09 .45 .30 .25	.70	т	,08				74	.78 1.13 1.38		т		4.01 4.38 4.39 3.49 2.18
MYRAL CITY INYON DLLEGE BILL LOCK 14 DLUMBIA LW COLLEGE	RRR	.21	т					.55 .64 .20	.28			1.37	. 27	.04 1.80 .43	.02		.08	.12		.80	.48 .02 .18 .12	.55	.02	.02				17	1.11			.07	3.93 5.72 4.21 3.59 2.53
RBIN CAA RRIN WATER WORKS WINGTON W R AIRPORT NTBIAMA MYILLE		.04 .09 .11 .22	.10 T .02 T		т	т	Т	T T	.55 .46 .21 .22 .28	.07 T		20	.27 1.15 .14 .72 1.45	.42 .48 T	T .01		.23 .28 T	.06 T	T .03	.04	.38 T .85 .08	.35 T .73	.01 .01	T .08	т		т	.88	T 1.04 .51 .73	.01	T	т	3.13 4.00 2.08 2.65 3.88
VELLA I LPHIA 1 8 MA NDEE BARRETTS FRD B I NMOR	R R	31 34 38 24	.03	-	-	-		.05	.23 .13 .58 .66	.02		.19	.96 .27 .58 1.15 .94	.23 .58 .27 .25	. 10	.02	.32 .21 .12 .12	.03	.12 .02 .17		.35 .15	.20	.39	.02				.85	.55 1.06 1.28 1.39	. 02	.04		3.41 3.48 4.58 4.11
HNYILLE DYVILLE LOCK F MONTON IZABETHTOWN LMOUTH	R	50 22 70	т					.06	. 28 . 56 . 40 . 17	т		.17	.80 1.45 .55 1.30 .38	.32 .57 .17	т		1.00 .11 .20 .08	.16	T . 10	т	.49 .10 .50	.20 .12 .85	.01	T .02				.96	.90 .86 1.16 .78				3.20 4.87 4.26 3.55 2.19
RMERS EMINGSBURG EMINGSBURG POST OFF I	R	07 05 01 33	.02 T	т			т	T T	.22 .24 .25 .26 .32	T .03	. 04	.06 .05 .50 1.40	1.76 .81 .74 .41	.43 .28 .11 T	T .01	т	T .02 .17	.05 T .14 .06	.07	т	T .04 .74 .48 .39	.47 .68	.01 .04 T	.02				.86	.90 .68	т	T T .03	. 01 T	4.08 2.86 3.46 3.73 5.25
MANAFORT LOCK 4 MAKLIN WATER WORKS ENCEBURG HORGETOWN WATER WORK	z	.14 .84 .18						т	.15 .67 .32 .19	т	.02	1.00	.74 .66 .89 .91	.12	T T		.04 .10 .20 .17	.02	.05		.09 .44 .62 .20	,62 .90 .54	. 05	.03				1.03	.52 1.16 .65		T		2.54 4.72 4.40 3.20 1.93
LASGOW RANT DAM 38 RAYSON REENSBURG REENSBURG BIWAY 61 8	Ì	.72 .05 .07	. 02	-	-	-		.01	.47	.01	_	.08	.70 .21 1.05	.59	.04	-	.20	.05 .06 T	.01		.32 .03	.05	. 02	.04	T .02				1.16 .65 1.10		.02 T		4.42 1.86 3.68
REENUP DAM 30 REENVILLE 2 W MLEYS MILL INTFORD 6 N	R Z	.07	т	т				T .41	.18 .40 .56	.02		T 1.01 1.12 .98 .27	.56 .31 .39 .47	.36	. 03		.15 .12 .25	.05	.06	.08	.31	. 16	.18	.09	.05			1.30 1.24 1.40 1.14	. 61		T T	. 08	2.75 3.58 3.71 4.39 2.90
ZARD WATER WORKS		.10	.01					* T	.23 T .45	.03		.57	.43 .50 .68 .65	.39 T .28 .14	.06		.09 T	.16	.11	.03	.57 T .20	. 22	.04 T T	. 05 T				.73 2.48 1.19	1 16	T	.02		3.31 3.34 4.65
ICKSVILLE IGH BRIDGE LOCK 7 INDMAN SETTLEMENT SC	R	.65 .08 .40	.02					.01	.33 .21 .20 .12	T T		.21	.52 1.32 .60 .74	.94 .25 .40 .14	T .06		.02	, 20	.05	.03	.67 .04 .39	.59	.10	.03				1.59	.58 .64 1.08		.06	. 03	5.49 3.56 3.51 3.29 2.81
TDEN RYINGTON BERNIAH BENE 2 N BETTUCKY DAM	2	.53 .05 .16	. 07 T					.01	.49	T T		.61	1.47	T .06 .41 .36	T T		.37	.15	.19	. 07	.41 .08 .04	T .78	. 03 T T	T 06	.27			1.08	1.11 .60 1.22	. 03	T		2.82 3.04 E3.69 3.66 5.62
ANCASTEB ICE PLANT AURA SITCHFIELD		25	.03 T					.04	. 24 . 12 . 62 . 08	.01 T	.01	.02 .21 1.03	1.75	.40 .20 .11	.10	т	.13 .02 .10 .07	.14 .36 .04 .07	, 13 T		. 02 .36 .73	.34 .28 .04 .01	. 05 T	. 25 . 03 T	. 02			.68	.90 .84 1.16	.02	, 03 T	т	3.76 3.39 4.23 3.61 4.05
TTLE BICKMAN LOCK 8 : KCKPORT LOCK 2 KGLICK 1 8 //!	Z R R Z	.14 .07 .01	. 03 T					T .03	.29 .02 .26 .61	.01		.06 .01 .64 .44	1,32 .32 .74 .20 1,10	.35 .08 .23 .36 .33	т		.12 .05 .16 .27	. 22 T . 03	. 02 . 07		.11 .05 .57 .40	.61 .45	. 02	T . 15				.81 1.21	.76 .55		т		4.01 1.63 3.54 3.51 3.44
UISVILLE SOWMAR FILD OUISVILLE STAN W 8 A SOUISVILLE UPPER GAGS OUISVILLE W8 CITY WELACEVILLE	8 Z R	.01	T .01					.36 .37 .02 .36	.02 .02 .35 .03		T T	.48 .50 .15 .46	.29 .27 .54	.03 .01 .16 T			.20 .28 .07 .15	.01	.06	Т	.54 .53 .12 .62	. 59	. 03 T	T .01				.77 .75	.81	T T	т	.02	2.71 2.80 3.18 2.76 6.27
CAS DISONVILLE 1 38 M MOTH CAVE PARK NCHESTER YPIELD SUBSTA	R	.05 .06 .48 .21	т					.35	.14 .43 .50 .47		Т	.51 .21 .61	.32 1.32 .19 .58	.39 .22 .35 .42 .59	T		.30 .16 .40	.05			.43 .24 .47	.32	T .05	.02				1 10	1.20 .11 1.05 2.29	T T		.03 T	3.63 4.03 3.51 3.74 5.56
YFIELD 2 8 Y5VILLE DAM 33 3 ENTREYSBURG //E OOLESBORO DDLESBORO RR STA	R '	45	. 03					. 03	.36 .29 .20 .45	.01	т	1.03 .01 .30 .36 .49	.46 .52 .11 .53	.17 .21 .06	т		.07	т	.12	-	T .87	.72	.01	.08	-	-		1,96	.01	T T	.01	-	2.84 2.05
OWAY 2 S LLERSBURG //E LLERSTOWN INTICELLO REBERAD STA TEACE CO E		12 24 62 13						.16 T				.60 .44 .45	.72 .61 .99 .40	.15 .09 .29 .47		.05	.02 .07 .07 .23	.04	. 04		.72 .77 .32 .50	.06	. 05	.11				. 45	.94	. 08	.10		3.25 3.14 3.50 3.75 4.82
OUNT STERLING ONFORDVILLE		30						T .03	.38 .32 T				1.51 1.10 .51 .76	T .44 .44			. 28 . 09 . 17 . 13	. 16	.07		.76 .40 .78 .65	† 10	.07 T					.88 1.42 .89	. 75	т			4.63 3.69 4.52 3.77

## DAILY PRECIPITATION

MARCE 185

Table 3-Continued											_				Day	of m	onth							-	-							78
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	IS.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ONEONTA DAM 35 OWEMSBORO OWEMSBORG DAM 46 Z PADOCAE CAA PADOCAE	.12 .08 .19	.03					T .01	.18 .58 .61 T	T T	т	.04 .30 .09 1.63	.33 .47 .68 .38	.15 .43 .44 T			T .08 .05 .04	T .05 .09	.11	.59 T	.40 .33 T	,97 .0% .04	T .01	.05	Т		.03	.30 .07 3.18 3.00	.37 1.30 1.62	T T	T	.12	2.35 4.03 4.25 6.10 5.93
PADUCAB SCS NURSERT R PAINTSVILLE PIEEVILLE Z PINEVILLE PLEASUREVILLE 2 S	.02 .07 .56	10					,22 T	.30 T .40	.02	т	T	.35 .16 .40	.46 .50 .61	.24	т	.03	.15 .35 .20	Т	.45	.20	.45 .12 .23	.04	. 22	T .04 .01		.05	2,30	.99 .77 1.08 .80	т	.02		3.30 2.98 4.04
PRINCETON RAVENNA LOCK 12 RICHMOND TEACEERS COL RUMBEY LOCK 2 RUSSELLVILLE Z	.22	Ť					T .09	.36 .42 .30 .50				.48 1.40 1.18 .84	.12 2.07 .45 .30 .78	T	.09	.22 .04 T .05	.08 .22 .10	.09	.03	.33 .16 T .42 .38	.68 .54 .08	.34	.05				1.55	.78 .98 1.46 .81	T	т		4.61 4.34 4.14 3.84
ROSSELLVILLE SUBSTA SADIRVILLE WATER WORK R ST JOHN BETELEHEM ACA ST MARY SALVISA LOCK 6	.71 .14 .28						.08 T .17	.60 .14 .58 .12			. 63	.83 .31 1.21 1.11 1.36	.80 .01 .16 .17 .23	.01		.18 .04 .11 .23 .02	.07 T	.06		.44 .98 .44 .25	T .51	т	.06				.51	.89			.02	4.58 2.79 3.81 3.60 3.72
SALYERSVILLE SCIENCE BILL SCOTTS VILLE SEBREE WATSH WORKS SHELBYVILLE 2 W	.04						т	.20 .40 .39			.33 .22 1.08 .76 .54		.37 .30 .54 .20		т	.23 .44 .27 .09	т	.12		.40 .42 .48 .17		.06 T .07 T	.03				.92 .82 1.19 2.11 .63		T T T			3.60 3.41 4.51 4.00 3.15
SHEPHERDSVILLE SMITHFISLD 4 S R SOMERSET BIWAY DSPT R SPRINOFISLD STEARNE R	.05						.05 ,20 T	.12 .43 .22	т		.48 .37 .06	1.38	.34 .03 .34 .28	т		.14 .23 •	.08 T			.43 .66 .65 .15	.26		Т				1.15	.70		т	.02	3.00 2.57 3.20 3.66 3.15
SUBMER SHADS SUBSTA TATHAM SPRINGS R TAYLORSVILLE TOMPKINSVILLE R TURKEY CREEK SCROOL	.85 .16 .02						.18 T	.27	T		.70 .10 .55	.80	.28	.03		.82 .10 .08 .08 .15	.08	.02		.30 .40 .25 .33 .60	.03		.09				1.00	1.20 .69		T	.05	2.74 3.19 4.60
TYRONE LOCK 5 UNIONTOWN DAM 49 VALLEY FIRW LOCE 9 VANCEBURG DAM 32 WAYNESBURG 6 8	.11 ,06 .14 .14	.05					т	. 26 . 28 . 24 . 54	T .0:		.03 .14 * T	1.28 .02 * .44 .70	.62 1.94 .28	T.01		.03 .06 .07	.03 .15	. 15	.03	.20 .25 .10	.68 T .65 .48	.03					2,50	.68 .78 .73 .78		T T		3.52 4.50 4.07 2.68 4.37
WEST LIBERTY WATER WK WILLIAMSBURG WILLIAMSTOWN WILLOW LOCK 13 WOLF CRESK DAM Z	.03 .48 .12 .18	T .04					T .05	. 25 . 44 . 22 . 48 . 54	т		.04 .04 T	1.20 .32 .43 .88	.65	.10		.22	.12	.02		.06	.40 .23 .84 .71		.02 T .02 T	.03	2			.85 1.10 .38 .94 1.27	T	.02		3.86 3.54 E2.34 4.05 4.50
WOODBURY LOCK 4 Z	. 25						.03	.68			.05	,87	,34			.14	.06			.42	.03		.01					.95				3,83

(ADIO 4																										
Station						A 1	М Но	ur end	ing									P	м Но	bae un	ing					3
Station		1	2	3	4	5	6	7	8	9	10	11	12	ı	2	3	4	5	8	7	-	9	10	Ú.	12	Total
COLPHUS 1 M LRBOURY ILLE WATER TWS LXTER HARLAN WATER WKS NBHIN CAS		.01	.01 .01 .04 .24	01	01								-ls	t-												02 09 20
ORBIN CAA OVINGTON W B AIRPORT AVELLA BOOMONTON LEMINGSBURG POST OFF	6		-	.01		-		-	. 02			.01		-	-	-	-	-	.01	-	700	-	-	-	-	04
EIDELBERG LOCK 14 ENEINS		.08 01 .01	10 01	.07																		.01	.01	06	.01	04 05 .02 33 .03 .01 .01
DOWNIN 3 SW DUISA LOCK 3 DUISALLE STAN W B AP AYSYLLLE DAW 33 ILLERSBURG ORKHFAD STA TEACS COL IKEYILLE						.01	08	.02											. 01	. 01	101	03			10	.01 .04 .12 .13
UMSEY LOCK 2 ADIEVILLE WATER WORKS ALYERSVILLE	9)	.10	04	.02	÷	÷	.14	-	-	-		-	-		•	-		-	-	-					-	.14 .04 .05 .05
OMERSET HIWAY DEPT FEARNS OMPKINSVILLE NIONTOWN DAM 49		.05	.01	.01		-	-	-	-	-			-	-	-	- }		-	-						-	.05
OVINGTON W B AIRPORT NIONTOWN DAW 49	, 6		.05	_	_	-	_	-			_		-20	d- -	_											
UMSEY LOCK 2		-	-	-	-	-	-	-		-	-		-3	d-												-
DDISON DAM 45 DOLPHUS 1 N ENTON 1 SW						. 01	. 04						-7t	h-								. 06	. 45	. 10	. 22	. 66 . 36 . 22 . 05
EREA COLLEGE OWLING GREEN WB AP			. 03	, 01					. 01	. 01		.01	. 01	. 01								. 31	. 22	.19	.05 .23 .15	.05 .51 .22 .55 .64
ENTRAL CITY LINTON ONSTANTINE OVINGTON W B AIRPORT UNDER BARRETTS FORD BR BMONTON	6	٠	. 01	. 01	. 02	.01	•	.04	. 01	.03	•	*	*	*	•	*		•	*			.07		.06	.64	. 64
ORDS FERRY DAW 50 RANKLIN WATER WORKS EST LOCK 3 ALEYS MILL ERNDON ODGENVILLE MAT PARK			. 01	. 01	.02	.02			. 02											.06	. 02	. 39	.04	.31	. 27	.34 .62 .11 .41
ODGENVILLE NAT PARK ENTUCKY DAM EXINGTON WB AIRPORT IBERTY ITTLE HICKMAN LOCK 8 OGLICK 1 S OUISVILLE BOWMAN FLD OUISVILLE STAN W B AP OUISVILLE STAN W B AP OUISVILLE WB CITY																			. 34	.01				.08	.13	.35 .21 .35 .09 .16 .08
OGLICK I S OUISVILLE BOWMAN FLD OUISVILLE STAN W B AP OUISVILLE WB CITY UCAS					. 01																08	. 38	.01 .01 .02	. 23 . 24 . 27 . 20	.03 .12 .12 .06	.03 .36 .87 .36 .35 .47 .16
ADISONVILLE 1 SE ILLERSBURG UNFORDVILLE WENSBORO DAM46 ADUCAH CAA ADUCAH CAA ADUCAH CAY UMSEYLOCK2																				.12	. 02	. 42		.18	.16 .16 *	. 58
T MARYS COLLEGE				.01			. 01	. 02														. 42	.08	.04	.05 .09 .13, .11	. 22 . 50 . 09 . 17 . 20
TEARNS ATEAM SPRINGS OMPENNSVILLE OLF CREEK DAM OODBURY LOCE 4		.01	. 02	,01	.05	.02		.01															.21	.01 .13 .04 .02 .32	. 05	.12 .18 .33 .07
DOLPHUS 1 N MARDOURVILLE WATER WES MATTER HARLAN WATER WES EREA COLLEGE OUTLING GREEN WB AP ARROLLTON LOCK 1	//	.12	.02	. 09	.14	.08	.01	. 03					-8t	h-												.14 .34 .28 .32 .03
EREA COLLEGE OWLING GREEN WB AP ARROLLTON LOCK 1 ORBIN CAA	// 6 6	.13	. 09	.08			,01	.01	. 53			*	*	*	.01						.01					.32
OMBIN CAM DWONTON W B AIRPORT DMONTON LEWINGSBURG POST OFF RANKLIN WATER WORKS EST LOCK 3		.13 .08 .03	.15 .06 .10 .02	.01	. 01	.01	.01		.00																	.20 .25 .05
AZARD EIDELBERG LOCK 14 ODGENVILLE NAT PARK ENKINS EXINGTON WB AIRPORT	%	.02	. 07	.07	.09	.04	.02	.01	. 06	.01	.01				.03			, 01		. 01	.01					.20 .25 .05 .12 .25 .45 .12 .19 .08 .28
ITTLE HICKMAN LOCK 8 OCLICK 1 S ONDON 3 SW OULSA LOCK 3	%	.04 .18 .13 .08	.04 .07 .07 .12	.03	. 09	_03 .05	. 03	.01	.01																	.28 .20 .26
OUISVILLE BOWMAN FLD OUISVILLE STAN W B AP OUISVILLE WB CITY OCAS AYSVILLE DAN 33		.02 .02 .01	.02	.01		.05	.10	.05																		.61 .20 .02 .03 .14 .28 .20 .43 .18
MAYSVILLE DAM 33 C KINNEYSBURG UIDDLESBORO RR STA UILLERSBURG URGEREAD STA TEACH COL UNFORDVILLE		.01 .12 .08	.15 .09 .02 .06	.07	.04 .01 .23 .02	.01		.02																		.28 .20 .43 .18 .28
HORFORD VILLE		.08	.01																							. 09

Table 4-Continued																			-			-			
					A. N	I. Hou	endin	ıg									P. M	I. Hou	r endi	ng		_			Total
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	E
OLIVE HILL 1 NW	. 02	.08	. 07	. 04	.08	, 01																			.30
PADUCAH CAA PIKEVILLE SADIEVILLE WATER WORKS	*	. 11			.08	. 03	.03	. 03	.01				.01	.01	. 01		. 01	. 03							. 25
SADIEVILLE WATER WORKS	.10	.04																							.12
ST MARYS COLLEGE SALYERSVILLE SMITTFFIELD 4 S	.11	. 01		. 08	.11	. 01												İ							.12
SOMERSET HIWAY DEPT STEARNS	10		.19	.10 .04 .02																		1			.37
TATHAM SPRINGS TOMPKINSVILLE	.07	.11	.01																						.14 .12 .20 .12 .43 .37 .12 .29
WOLF CREEK DAM	. 33	. 09	, 06	. 02																		1			
										_		-9t	h-	_	_	_									-
DAVELLA	-	-		-	-							-11	th-												
ADDISON DAM 45					.08		.08	. 21	.15	.10											. 01	3 . 01		.01 .01	.64
ADDISON DAM 45 ADOLPHUS 1 N BARBOURVILLE WATER WKS BAXTER BARLAN WATER WKS BENTON 1 SW										. 03	.05	. 05	.11	.01	.02	.05	.01	. 02	. 05		.0.			.01	.21
BAXTER HARLAN WATER WKS		. 03	.01			.01	.05	. 20	.32	. 22	.04	. 01	.01	.01	.02		.03	. 02	.03			. 01	L L .0	.02	.94
BEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1						.01	.01 .01 .16	.02		.03	.09	. 17	.03	.05	.01	. 02						.01			
			.02			.01	.16	.06	.03	. 25	.09	. 02	.04	.01			. 01				.14	4 .0:	.0 .0 .1	3 .01 7 .32 4 .01 2 .22	1.37
CLINTON				. 01	01	.03	.17	. 40	.15	.11	.06	.01	*	.01			.01	.01		.1	.0:	1 .	.1	2 .22	1.10
CORBIN CAA 6 COVINGTON W B AIRPORT 6			*			. 02	*	.18	*	.01	,01	*	.02		. 05	. 01									.19
DAVELLA DUNDEE BARRETTS FORD BR						.02	.14	. 11	.15	. 17	13	.04	.01	.02		, 01	, 01	.01				.0	2		.98
				.07	.02	.01	.04	.02	.01	.16	.03		.01	.01	. 02	. 05	. 01	.01			. 0	1 .0		.02	. 50
FLEMINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS				.07	.06	. 02	.16	.18	.13	.05	.13	. 10	.07			. 01				. 0	2 .0	.0	.0 3 .0 2 .0	3 .02	.19 .98 .28 .50 .77 .67 .30 1.12 .27 .24
GEST LOCK 3 HALEYS WILL		. 0	. 03	. 01	.01	. 06	.04	. 15	.05 .25	.32	.09	.01	.01	.01	.09	.01	.01	.01	, 01			0.0	2 .0	. 02	.27
HAZARD HEIDELBERG LOCK 14 //					_	_ 8		.01	.01	-	.01	.05		. 06		. 01	.01				. 0	4 .0			72
HERNDON HODGENVILLE NAT PARK JENKINS	1			.01		.01	.03	. 14	.07	. 13	.11	.05	. 05	.03		.01	. 04				.0		0 9	2	. 05
KENTUCKY DAM LEXINGTON WB AIRPORT					.08	.07	.05	. 50	.30	. 19	.05	.03	.04	. 05	.04	. 01		. 01				.0	5 .0	6 .10	1.61 1.03 2.65 1.65 3.64 4.44 54 1.50 46 1.51
						. 04	١		.02	.02	.06	. 21	.08	.05	.04	.01		. 01				.0	4 .0	2 .01	.65
LOCUTOR 1 9						. 01	. 03	. 01	.06	.10	.02	.04	.18	.04	.01	. 01		. 02	. 0:				.0	1 .14	. 44
LONDON 3 SW LOUISA LOCK 3 LOUISVILLE STAN W B AP LOUISVILLE WB CITY						. 06	. 06	.01	.13	.05	.02	. 01			. 01						. 0	3 .0	2 .0	1 .01	1 . 48
LOUISVILLE STAN W B AP LOUISVILLE WB CITY					.01	.12	.03	.09	. 07			. 04	11	. 01							.0	3 .0	4	. 01	1 . 51
LUCAS	-	-	~	-	-	-	-	. 26	. 29	.11	.11	.01	. 01	01	.01	. 01	. 04	. 01	.0:	١.،	01		.1	. 0	5 .32
MAYSVILLE DAM 33								.03	.05	.03	.01				.12	.12	. 11			. (	01		2 .(	.04	5 .32 9 .30 4 .49 5 .44 .78 5 .85 2 .60 .69
MIDDLESBORO RR STA MILLERSBURG						.02	. 05	.01	.07	.15	.02 .24 .22	. 16	.01			. 02						١.٠		01 .0	4 .78
MOREHEAD STA TEACH COL MUNFORDVILLE							.01	. 02	.09	.10	.22 .20 .03	.10	.15	5 .01	. 03	.01	.01				01			2 .0	2 .60
OLIVE HILL 1 NW OWENSBORO DAM 46 DADDICAR CAA 6					. 06	*		.25				*	* .02	. 75	. 02	.01			*	- 1	02 *	*	* 38 .:	* 35 -	-
PADUCAH SCS NURSERY					. 04						.06 .01	. 01	. 01	. 00	. 05	.05	.02							.0	9 1.09
RUMSEY LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE					. 01	. 04	. 05		.10	.01				.01	. 02							06 .6	06 .	01 .0	7 .50
ST MARYS COLLEGE SALYERSVILLE SMITHFIELD 4 S					, 01		.02					. 02	.07	7 .11			. 01							5 .0	1 .49
SOMERSET HIWAY DEPT					. 01	07	.04		, , , , ,	.02	.01	. 13	. 07 3 . 01 4 . 04	7 .0		. 03	1				. 0	02 .0	26	01 .1 02 .0 08 .0	1 ,28
STEARNS TATEAM SDRINGS							.03			.19	.14	16	0 .14						5 .0	_	. 0	04 .:	10 .	08 .0	.55
TOMPKINSVILLE UNIONTOWN DAM 49 //				. 07	. 01	.03	. 11				. 04	. 01	1 . 0	5 .10	4 .0	5 .16	.16	5 .0	0 .0		02	01 .0	07 .	08 08 .1	18 1.09 7 .50 2 .63 33 1 .49 5 .37 1 .28 1 .70 .55 1.06 .7 .84
WOLF CREEK DAM WOODBURY LOCK 4							. 05	. 0	5 .11	.13											44				
												-12	2th-	-		0	1 .0	5 .1	3 4	)6 .	.05 .	01			. 34
ADDISON DAM 45 // ADOLPHUS 1 N //			01								1 .02	,				.0	9 .0	1 .0		01 .	.01	02	05	01 .0	. 34
ADDISON DAM 45 ADOLPHUS 1 N BARBOURVILLE WATER WES BAXTER HARLAN WATER LES BENTON 1 SW	1 .1	06 .	01 . 04 . 02 .	01 .0 03 01 .0	. 0	2 .0	3 .0	. 0	4	. 01	1 .02	1 .0	1 .0	14 .0	9 .0	1	.0	1 .0	7 .	01 .	06 .	06 . 01	11 .	05 .0 05 .0	01 .75
BENTON 1 SW BEREA COLLEGE	1	01 . 08 . 01 . 01 . 01 . 01 .	18 .	06	3	. 0	8 .0	1 .0	2	1					.0			1		01 .			03 .	08 .	09 .45
BEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1 //	1 :	01 .	01	01	2			.0	4 .0 .0					. 0		•	.0	1 .0	2 .	03 .	.01 . .03	05	02	02 .	01 .27
CARROLLTON LOCK 1 // CENTRAL CITY CLINTON	1:	01 .	01 04 01 .	0. 10		1			.0				. 3	0. 00 0. 00 0.	7 .0	2	.0	2 .0	07 .		02		02	02 .	01 .60
CONSTANTINE CORBIN CAA COVINCTON W B AIRPORT 6		٠ .	10 *	02 *	*	*		. 1							:			:			.02			01 .	01 .96
COVINGTON W B AIRPORT 6 DAVELLA DUNDEE BARRETTS FORD BR		21 .	03 .	.1	9 . 4	8 .1	.4 .0					. 0	)2 .0	03		.0	1 .0	1 .0	5 .	04	.08 .	01	01		01 .47 05 .24 02 .74
DUNDEE BARRETTS FORD BR EDMONTON FLEMINGSBURG POST OFF		03		02	0 . 0	.0	1 .0	1 .0	2 .0	5 .0	1								· ·	n2	.08 .				. 43
FLEMINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS		01 . 01	01										. 0	04 .1	. 01	6 .0	5 .0	1 .0	01	02 02	OF	03 02 02	01 02		07 .49
FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL		01 . 01 . 02 01 .	00	02 .0 02 .0	3							1 .0		. (	3 .	5	.0	1 .0	)2	03	.01	02	02 05 01		06 .39
HAZARD // HEIDELBERG LOCK 14 //		03 . 01 .	02 . 11 .	01 .0 28 .0	14 .0	5 .0	.0	3 2 . (	.0	2 .0	3 .0	3	.0				-	. 0	01 .	04	.04	04	12	01	10 .75
HERNDON HODGENEYILLE NAT PARK		19 .	02 . 30 .	01 01 .0	). 3. E	02 .0			14 . 0	13			03 .0	01					01	01	.03	.05		04 . 04 .	08 .74
JENKINS RENTHCKY DAM			01 .	02		)5 .( )2	0. 90		14 . 0	13			:	08 .0	)6	1			04 .	09			. 01		08 .73
LEXINGTON WB AIRPORT		04 . 08 .	22 . 17 . 21 .	14 .1 01			10 .0		^^			. (	01										01	01 .	04 .31 09 .96 04 .74
LITTLE HICKMAN LOCK 8 // LOGLICK 1 S LONDON 3 8W		08 . 01 . 08 .			)7 .( 18 )2	. (	06 .0	9													.01	.02	01	.03	. 20
LOUISA LOCK 3		01 .	01 .	07 .0	)2 .:	12 .0		. 80	16 .	. 0	3 .0	12	1 .	05 .	05										1

See reference notes following Station Index.

A M Hour ending

P M Hour ending

Station	1	2	3	4	8	6	7	8	9	10	11	12	1	2	3	4	В	6	7	8	9	10	11	12	Tota
UISYILLE BOWMAN FLD UISYILLE STAN W B AP UISYYLLE TAR ETT UISONYILLE 1 SE UISO	. 022 . 011 . 022 . 066 . 011 . 088 . 055 . 100 . 335 . 044 . 033 . 011 . 166 . 011 . 099 . 168 . 066	.01 -01 .01 .05 .02 .01 .03 .01 .02 .01 .07 .66 .01	.04 .05 .09 .02 .02 .02 .01 .01 .02 .01 .05 .04 .02 .05 .04	.04 .01 .01 .04 .13 .07 .25 .31 * .02 .01 .04 .20 .02 .03 .06	.02 .02 .09 .13 .25 .07 * .03 .02 .08 .47 .03	.02 03 .03 .21 .12 .05 .01	.03 .10 .01 * ,16	.03 .04 .01 .04 .04	.03	.01	* .02	.01	.01	.01	.01 .05 *	.07	.04 06 05 .03 .01 .02	.01 02 .02 01 .02 * .02 * .03 .03	.05 .04 .05 .01 .10 .04 .02 .08 .10 .02 .01 .03	.05 .04 .03 .01 .03 .07 .04 .23 .04 .02	.01 02 01 03 .09 01 .01 .01 .01 .01 .01 .01 .01 .01 .01	01 03 05 .02 .09 .01 .01 .05 *	.02 .01 .02 .02 .02 .02 .03 .01 .01 .01 .01 .01 .01	07 01 01 03 03 03 .15 .02 * .01 .14	2 2 2 2 2 3 3 2 2 2 2 2 1 1 7 7 6 6 7 7 . 4 4 3 . 3 3 1 . 1 1
DISON DAM 45 OLFRIES 1 N RESOURVILLE WATER WKS RATER HARLAN WATER WKS REA COLLAGE BLING GREEN WE AP HARLAN THEORY AP RESOURVILLE RESOURVIL	.02 .06 .01 .02 .07 .15	.15 .01 .04 .15 .05	.08 .03 .04 .10	.02 .06 .06	.01 .09 .09 .02 .01	.06 .10 .02 .01	.01	. 05	. 01	. 04	. 03	-13 :81	th	. 08					.01	.01	.02				.0
VELLA NODE BARRETTS FORC BR MONTON BENINGSBURG POST OFF ANKLIN WATEB WORKS ZARD  // TOELBERG LOCK 14 // REMOON BENEVILLE NAT DARK	.02 .03 .07 .07 .15	.11 .01 .01 .15 .01 .12 .03 .03	.07 .01 .07 .01 .08	.05 .03 .01 .01 .06	.10 .02 .01 .10	. 03	.02	.01			.02				. 01		.01		.01	. 02					.2 .0 .4 .1 .3 .2 .2 .2 .0 .1
NKINS XINGTON WB AIRPORT BERTY TITLE BICKMAN LOCK 8 GLICK 1 S NOON 3 SW UISA LOCK 3 UISVILLE BOWMAN FLD UISVILLE BOWMAN FLD UISVILLE STAN W B AP CAS	.02 .07 .15 .09 .05 .01 .01 .01	.01 .04 .12 .05 .10 .05 .02 .01	.01 .01 .10 .03 .04 .09 .05	.05 .03 .01	.06	. 04	. 04		.01			. 01	.05	. 02	.01	. 04		. 01	.01						.3 .2 .2 .0 .1 .3 .1 .3 .2 .2 .3 .3 .2 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3
TSYILLE DAW 33 KINNYYSHUNG DDLESBORG CRETA LLERSBURG REHEAD STATEACHCOL MYRORDVILLE LTF BILLINW DUCAB CAA G DUCAB CSC NURSERY KEYILLE KEYILLE KEYILLE KEYILLE KEYILLE KEYILLE KEYILLE KEYILLE KEYILLE KEYILLE KEYILLE KEYILLE	.02 .06 .05 .03 .15 .10 .07	.05 .01 .17 .11 .12 .05	.01 .06 .07 .03 .15	.10 .04 .01	.01	.01	.06	.03	.03	.01		. 01	.01	.01	.01	.01									.3 .0 .0 .6 .0 .4 .2 .3
MSEY LOCK 2 DISYILLE WATER WORKS MARYS COLLEGE // UTERSYILLE // UTERSYIL	.07 .02 .02 .03 .04 .02 .04	.01 .08 .05 .01 .05 .02 .02 .09 .06	.01 .03 .08 .08 .01 .11	.01 .06 .12 .06 .01 .06	.14	.05	. 02	. 01	.01	. 02															.00
NTON 1 SW											-	-15	th–										. 01	. 02	. 0
DISON DAM 45		. 02		.01								-16	th-												. 0
DISON DAW 45  OLPHUS 1 M. BROORWILLE WATER WES  TREE BARLAH WATER WES  REA COLLEGE CLING GREEN WB AP  NIRAL CLIT' HIVON  HE OL AGE BEIN CAA 6  FELLA AGE	.01		. 02 * . 03 . 02 *	.01 .02 .01	.01 .03 .01 .01 .01 .01 *	.05	.04 .01 .03 .01 .04 *	. 03 . 02 . 02 . 07 . 05 *	.01 .10 .09 .05 .04	.05	.01 .01 .01	.01 .01 .02 .01	.01	.01	.01	.03	* .01	.01	.01	.02	*	. 01			.1 .2 .2 .0 .2 .2 .2 .2 .2 .0
TALLA MARRETTS FORD BR  MONEY ON  MAINTAIN AND THE MARKS  ST LOCK 3  LEYS MILL  ZARD  IDELBERG LOCK 14  DOENWILLE MAT PARK		.01	.02	.05 .01 .03 .04	.04 .03 .01 .02 .01	.04 .01 .07	.06 .08 .02 .01 .01	.04	.01 .04 .02	.02	.07	.01 .02 .01	.01	.01	.01	.01	.01	.00	.01					. 01	.1 .3 .0 .0 .1 .1 .1 .1 .2 .0
DORNYLLLE NAT PARK KRINS NTUCKY DAM XINGTON WB AIRPORT HERTY TILE BICKMAN LOCK 8 GLICK 1 S NOON 3 SW UISA LOCK 3		. 01	.01		.01	.05	. 08	.02 .23 .05 .03 .14	.07 .02 .01 .06 .10 .03 .06	.02 .06 .02 .01 .01 .03 .05	.05 .02 .02 .03	.01	.02	. 02	.01		.02	.01	.01	.01	. 01			.01	.00.00.55.22.11.22.2

MENTUCKY MARCH 1950

					A. N	. Hour	endin	g									P. M	. Hou	r endů	ng					3
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
LOUISVILLE BOTMAN PLD LOUISVILLE STAN % B AP LOUISVILLE TAN % B AP LOUISVILLE TO CITY LUCAS MADISONVILLE 1 SE MAYSVILLE DAN 33 VE EINNETSBURG MIDDLSBORG RR STA MILLERSBURG	.04	.03 .04 .02 .01	.10 .15 .04 .03	.03	.03	.01	.03	. 08	.03 .02 .03 .04	.01	.01	.03	.01	.01	. 01						*	.02	.05	.04	.20 .28 .15 .30 .19 .11 .12 .35 .07 .05
MORRERAD STA TEACH COL MUNPORDVILLE OLIVE BILL 1 NW OWNENSORO DAM 46 PADUCAB CAA PADUCAB SCS NURSERY 91KEYILLE RUNSEY LOCE 2 SADIEVILLE WORKS ST WARYS COLLEGE		. 01	.01	*	* .01	.03	.05 * .01 .06	.02 .03 .05 .02	.01	.01 .02 * .11 .01 .01	* .08 .02 .03	* .01 .01 .01	* .02 .01	.01 .01 .01 .01	.02	.02	.02	.03	.01	.13	.02	.03	. 05	.01	
SALVERSVILLE // SOMERSET BINAY DEPT STEARNS TATALAM SPRINGS TOMPK INSYLLE // MOLF CREEK DAW MOUGH CLOCK 4	.01	.01	.03	.10 * .04	.02	.02 * .01 .03 .03 .09	* .07 .03 .10	* .01 .05	* .02 .04	.03	.02	.05	*	.02	.01	.01	.02	.02	.01						.03 .41 .12 .04 .23 .23 .23 .21 .10 .08 .06
COVINCTON W B AIRPORT 6 SDHONYON LELEMINGSBURG POST OFF GGGST LOCK 3 ARZARD PAR LOCK 14	.01	. 01		.01				. 01	.01	.04	.01	-17	.02					.01	.01	. 02	.02	.08	,01	.01	. 03 .14 . 05 . 07 . 02
LEXINGTON WE AIRPORT LITTLE BICKLAN LOCK 8 LOGLICE 1 S LOUISA LOCK 3 LOU	.03							.01					.01			. 01			. 01	.01	. 03	.01	.01	.01	.14 .05 .07 .02 .07 .04 .03 .02 .01 .01 .09 .03
COVINGTON # B AIRPORT 6 DAVELLA HAZARD HAZARD HEIDELBERG LOCK 14 JENGILSE LITTLE BICKLAN LOCK 8 LOCHICE 1 3 PLEVILLE SALVERSYLLLE JENGILS JENGILSE JENGILSE JENGILS JENGILS JENGILS JENGILS JENGILS JENGILS JENGILS JENGILS JENGILS JENGILS JENGILS JENGILS JENGILS JENG	* .05 .01 .03 .01	.01	.01	.02	.05	.03			.11			-18	-	-	-	_	-	-	-	-	-	_	.03	.04	.12
ADDISON DAM 45 ADDIPHUS 1 N BENTON 1 SW CONSTANTINE DUNNEE BARRETTS FORD BR												<b>-</b> 19	th-				.02	. 03	.02		.01	.05	.16	.01 .23 .04 .04	.0
FORDS FERRY DAW 50 HALEYS MILL BERNDON KENTUCKY DAW OWENSBORO DAM 46 PADUCAB CAA 6 PADUCAH SCS NURSERY BRUSSY LOCK 2						. 04														.02	* . 02	.01	. 22	.04 .01 .05 .07 .03 .19 .02 *	.4
UNIONTOWN DAW 49  ADDISON DAW 45 ADOLPRUS 1 N BARBOURVILLE WATER WKS BANTER BARLAW WATER WKS BEREA COLLEGE BOWLING GREEN BD AP CARROLLTON LOCK 1/	.05	. 01	5 .09	.02	. 15	. 12	.09	.03	.01	.01	. 03	.06	.06		.04	.02		. 01							
BOWLING GREEN WB AP CARROLLTON LOCK 1 CENTRAL CITY COLINTON CONSTANTINE COVINGTON WBAIRPORT 6 DAYELLA DUNDEE BARRETTS FORD BR EDMONTON	.01		. 0 5	.08	.11	, 05	.09	.04	.16	.22	.06	* *	* * .06		.02	* .03	* .02	*		.13	.06	. 02			
DOMONTON YLDHI MCSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK A HALEYS MILL HAZARD BEIDELBERG LOCE 14 // BEIDELBERG LOCE 14	.0	.0	3 .11	01 .05	.00	.07	.04	. 05	.03	08	.01	5 .05 3 .05 1 .10	.01	03	. 01		.01								
BERHOUS  DEPARTMENT OF THE PARK BORDERS EXEMPLEY TAN LESENTY TON THE AIRPORT LIBERTY LIBERTY LOUISVILLE SOWNAN FLD LOUISVILLE STAN W B AP LOUISVILLE THE CITY	.1		0 .08	.01	.0:	.02	.14	.08	18	.01	.0:	2 .00	.03	2 ,01	.0	2 .01	. 09	. 01							3 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6

See reference sotes following Station Index.

e a-continued					A M	Hou	ır endi:	ng									Pλ	1 Hou	r endir	19					
Station	1	2	3	4	8	6	7	8	9	10	11	12	1	2	3	4	5	6	7	В	9	10	11	12	
SONVILLE 1 SE SONVILLE 1 SE VILLE DAN 53 INNATSEURG LESBORO RR STA ERBURG URAD STA TEACE COL ORDVILLE	.04	01	. 04	.05	.08 05	.07	.08	.08	.02 .03 .07 .03 .02	.02 .02 .02 .20 .02	.08 .14 .04 .18	.05 .18 .09 .11 .26	.13 .18 .13 .05	.20 .09 .02	.04	02 05 03	.04 06 .13	.01 .01 .11	, 0s	.06					
BILL 1 NW BORO DAM 46 AB CAA AB SCS NURSKRY ILLE	.03	.08 59	. 05	01	. 11	-06		01	01	.03		. 22	.15	, 01	,01	.01	.14	06.							
Y LOCK 2 VILLE FATER WORKS RYS COLLEGE	02	10	.02	09	. 08	. 07	.04	01	.20	.01	.13	.10	.03	.03	. 05	, 03	01	01	.01	04	03				
MS SDRINGS		. 01	.06	. 02	02		* .05	.28 01 .11	.21 * .09 .16 .05	.07	* .09 .01	. 03	.55	. 01	.07	.03		.01	.01	. 04	0.3				
NSVILLE FOWN DAM 48 REEK DAM JRY LOCK 4	.02	.02	.04	. 04	.03	.04 .01 .02 .04	.05	.05	.05	.01	.03	. 01													
GTON WE AIRPORT 8 BICKMAN LOCK 8											-	-21	st-		.03	. 01									
URVILLE WATER WES	.04	.01	. 03								-	-22	2d-												
R HARLAN WATER WES N 1 SW ON CAA 6 GTON W B AIRPORT 6	.01	. 01							.01	.01					:	*	*	*	÷	. 01 . C1					
MGSBURG POST OFF FERRY DAM 50 S MILL D	.01	. 01	.01	.05	.01	.01	. 01	.02 .01 .01	.01	.10	. 07	.10		. 01	. 02										
NS CEST DAM VYILLE STAN W B AP ONVILLE 1 5E TILLE DAM 33 ESBORD RR STA	,02	.01				.02		. 02	.02	. 04	. 04	. 03										. 05	. 02		
HILL 1 NW	. 01	* .04 .03	. 02	.05	.05				.01	.02												.02			
AE CAA 6 AE 5CS NURSERY RSYILLE // TOWN DAM 49 //			. 05	. 01	*	•	, 01	. 01																	
LIA INS VILLE DAN 33 //	.01		.01	.02	. 01	. 01	. 01	. 02			-	-23 .03	3d- .02												
VILLE DAM 33 // MEAD 5TA TEACH COL	,01	. 01	.02	,02	. 03	. 02					_	24	th-												
ILLE	-	~	-	-	-	-	-	-	-	-	-	-	th-	-				-	-						
A LOCK 3	-	-	-	-	~		-				_	26	th-						.02	. 03					
CAB CAA 6 CAB CAA 6 CAB CAA 7 CAB SCS NURSERY WYOUN DAM 48 //																			,02	.01	.01	٠	*	. 45	
OON DAM A5 PHUS 1 N // DURYILLE WATER WKS									. 35	.10	. 44	27	th- :09 :37	.07	. 04	. 03	.01	. 28	.19	. 01	. 08	. 06			
UNVILLE WALER WAS R HARLAN WATER WES N 1 SW COLLEGE NG GREEN WB AP LLTON LOCK 1 //					. 49	. 22	. 53	.11	. 20	.15	.04	.07	.39	.06 .01 .15	. 49 . 05 . 07 . 02	.22 .01 .04	.15	.02	.05	. 02	.18			, 01	
AL CITY ON ANTINE D. CAA GTON W B AIRPORT 6	. 24	. 01	. 18	. 29	. 36	. 19	. 22	. 07	. 25	. 24	.04	.10	.12	.04	*	* *	:	.04		.98		. 01	. 01	. 01	
E BARRETTS FOED ER	. 24				0.4	0.5	0.5	40	. 27	. 13	.43	.20		.09	.03 .04 .26	.01	.01	.16	.32	.01	.07	. 02	. 03		
NOW MORGEURG POST OFF S FERTMANSO LLIN WATER WORKS LOCKS S MILL RD //	. 24	.33	.10	.62	. 24	. 26	.25	. 43	.02	. 02	.10 .18	.08	.01	.02 .18 .04	.04 .10 .01	.01	.03	.32	.01	. 01	. 10				1
ID // SLBERG LOCK14 // NON NOVILLE NAT PARK NOVILLE NAT PARK NOVILLE NAT PARK								. 38	. 07			. 20	.15	.01	.08	. 86	.01	. 16	. 03	.01	.17	.02			
UCKY DAM NGTON WB AIRPORT RTY // LE BICKMAN LOCK 8 //	.04			.78	.30	. 40	.13	. 17	. 19	. 01	.15		.03	.18 .47 .14	.35 .22 .32 .31	.05 .13 .09 .25	.10 .06 .13	.01 .10 .17					05	02	

Station						A. 1	М. Ног	ır endi	пĝ									P. M	f. Hou	r endi	ng					Total
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	T <sub>o</sub>
LOUISA LOCK 3 LOUISVILLE BOWMAN PLD LOUISVILLE STAN W B AP LOUISVILLE WE CITY LUCAS MATSVILLE DAW 33 KC KINNEYSBURG	<b>/</b> //								. 48	.14	.05 .02 *	.04 .02 * .16	.18 .17 .30 *	.24 .22 .25 *	. 21 . 21 . 16 *	.05 .06 .06 *	.05 .02 .02 *	* .23 .04	.06	*	.41	. 09	. 01	1.16		1.1.1.
IDDLESBORO RR STA ILLERSBURG OREHEAD STA TEACB COL UNFORDVILLE LIVE BILL 1 NW WENSBORO DAN 46 ADUCAB CAA	6		. 51	.04			.01	.25	.32	. 33	. 22	. 33	.14	. 37	* .27 .03 .70	* .07 .02	.37 .05 .30	.35 * .30 .01 .34	.30	.08	.05	.02	.62			1.
ADUCAB SCS NURSERY HEEVILLE UMSEY LOCK2 ADIEVILLE WATERWORKS		. 28	.12		. 52	.22	.14	. 27	. 39	.12	. 19	. 14	.03	.07	.01	.01	.02	.15	. 13	.03	.21	.10	,02			1.
T MARYSCOLLEGE ALYERSYILLE MITHFIELD 4 S OMERSET BIWAY DEPT TEARNS ATBAM SPRINGS	//											.01	.01	.17	. 22 .10 .01	.08	.05	.12 .01 .15 .15	. 28		. 09	.02	.01			1.
OMPEINSVILLE NIONTOWN DAM 49 OLF CREEK DAM OODBURY LOCK 4	//	. 58	, 25	, 32	. 34	. 30	. 19	.15	. 21	.04	.19	. 30	.01 .06 .30	.56 .01 .02 .15	.25 .01 .81 .01	. 04	.11	. 01		.02	.07	.01			. 06	1.
ONDON 3 SW IDDLESBORO RR STA OMERSET BIWAY DEPT OLF CREEK DAM		.01	.02		. 01	. 01							20								. 02	:				
ORBIN CAA OVINGTON W B AIRPORT TENKINS EXINGTON WB AIRPORT ILLERSBURG	6						.01	.03		*	•		. 01		.03	. 01	*		. 01	.01	. 01					
DDISON DAM 45 MAXTER HARLAN WATER WKS	//												<b>-</b> 3]	lst-						.05	. 02	. 01	J	.01	.01	1
ENTON 1 SW OWLING GREEN WB AP ENTRAL CITY LINTON UNDEE BARRETTS FORD BR DMONTON																			. 08			.03	.03	.01	. 01	
PLEMINGSBURG POST OFF ORDS FERRY DAM 50 ALLEYS WILL HERNDON SODGENVILLE NAT PARK ENTUCKY DAM					1															.02	. 02	.04	.02	. 07	. 01	1
OUISVILLE BOWMAN FLD OUISVILLE STAN W B AP OUISVILLE WB CITY JUCAS AADISONVILLE ISE																						.10	.01	.02	2 .01	1
UNFORDVILLE WENSBORO DAM 46 ADUCAB CAA 6 ADUCAH SCS NURSERY IKEVILLE																٠		. 01	. 04	.06	. 01		.03	2 .01	L . 01	1
UMSEY LOCK 2 T MARYS COLLEGE MITHFIELD 4 S ATHAM SPRINGS OMPKINSVILLE NIONTOWN DAM 49 OODBURY LOCK 4	//																			. 01	01	7 .01	5 .03	.03	3 .00	2

DAILY TEMPERA	TURES	5
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ile 5																																AMUE	1 1900
Station		1	2	3	4	5	6	7	8	9	10	11	12	13		Day o			18	19	20	21	22	23	24	25	26	27	28	29	30	31	Атасво
*CHORAGE	MAX MIN	45 26	28 12	39	55 23	65-27	65 33	67 43	60	36 18	51 22	63 41	62 38	40 27	45 17	53 23	46	58 28	56	62	61	69	50	66	66	61	76	73	66	45 33	47	67 24	53.9
BELAND DAM 2	MAX MIN	26 57 31	12 40 14	27 12	23 37 11	52 17	62	43 58 32	81 38	18 54 20	36 18	41 48 18	38 50 37	55 40	17 48 23	45 20	33 52 25	28 39 25	26 51	29 42 25	39 48 25	29 49 35	36 56 36	38	35 47 38	29 68	47 57 40	62 82	66	68	21 42 31	47	29.8 52.3 28.7
SAVER DAM	MAX	61	39	42	58	87	86	86	61 25	40	54	55 42	55 40	46	48	53 26	53 36	82	25 63	63	62	62	58	35 60	89	36 69	78 55	43 74 51	63 65 48	38 61 33	47 24	61 28	28.7 67.9 32.9
манча	MAX	55 32	40	40	45 18	55 23	82 27	65 32	65	53 20	38 20	55	61	64 50	48	50	40	30 36	32 54	33 50	36 60	31 60	35 85 38	32 65 32	47 50	38 73 35	55 70 38	51 84	83	33 87 35	42	28 87 21	32.9 68.9 26.8
REA COLLEGE	MAX	42 22	26 18	38	55 24	61 34	62	67 51	55 23	34	53 20	25 54 45	58 54	57	26 45 21	56 30	25 46 32	29 56 27	30 47 28	30 68	35 62 40	31 53 32	54 34	50 35	85 37	82	79 48	81 52	38 85 42	42 33	26 41 29	55 24	53.7 32.1
WLING GREEN WB AP	MAX	43	32	44 21	56 25	63	64	85 48	50 28	40	57	55 43	57 43	43	47	57	48 37	81 30	49	62 34	55 35	82 32	48 36	80	88	70	74 55	71 47	86 40	46	48	80	65.4 32.6
IMPRELLSVILLE	MAX	52 30	35	45 17	58 28	62 28	63	84	60	38	54 23	52	57	58 29	47 21	55	50	57 32	55	63	56 41	62	58 35	58 35	68	88	78 52	75 51	85 47	58	45 23	56 24	57.1 32.2
ORBIN CAA	MAX	47	28	44	55	63	64	68	56	38	55	55	66	58	45	57	48	58	531	63	53 36	63	54	52	71	70 32	79	79	88 48	60	42 25	57	57.0 28.9
WINGTON W R AIRPORT	MAX	35	17	35	49	61	55	63	54	31	45 21	48	52 32	33	38	51	41 28	57	38	45	47	53	46 35	44	83	57	78 43	73	58	38	42	54	46.5
NV1LLE	MAK	53	38	30 13	41	55	57 35	64 37	64	38	37	51 25	55	57	34	45	54 33	35	58 28	44	56 30	48	61 35	45 35	53	68 35	64 42	78 62	78 48	64	41 25	45 25	51.9 30.8
RMERS	MAX	57 30	35	37	55	54	60	67 38	67	35	50		57 35	58 29	44	55	53	-	55 24	51 25	52 38	60	60	46	67	85 32	81 37	85 52	65 52	65	45 24	51 17	58.3 27.4
RDS FERRY DAM 50	MAX MIN	41	38	42 20	57	66 33	68	65	61 25	38	56 28	57 44	55 37	40 28	47	47	45	63 32	60 31	56 34	53 38	60	56 36	60 34	67 45	70 38	78 58	77 51	82 49	53	48	64 35	68.5 34.8
ANKFORT LOCK 4	MAX	54 32	42 13	28 13	40 14	56	64	61 27	65 40	43	38	52 20	54	55 34	37	46	54 27	38	58 28	48	53 28	52 35	61 38	45	54 35	68 32	63 32	80	78 52	68	44 23	48	53.2 28.7
EENSHURG	MAX MIN															1			58 31	47	61 35	46	63 32	45	57 38	71 34	68	77 62	75 47	87 30	44	45	
EENVILLE 2 W	MAX	52 28	37 15	45 19	58 25	67 30	34	67	62 27	43	55	55	55	42	45	50	50	62	62	58	58	64	63	82	70	76	78 50	75 47	58	50 31	50 23	62	57.8
ADQUARTERS	MAX	42	24	38	52	60	61	65	24	35 17	47 20	48 38	54 40	46 21	41 18	51 29	43	48 33	32	50 25	57 36	48 35	47 33	26	69 31	73 28	76 45	80	64 42	43	44 23	53 22	52.2 30.2
IDELBERG LOCK 14	MAX	58 33	36 16	39 11	56 16	63 22	63 28	65 42	63 26	37 20	53 17	53 37	83 43	59 32	47	58 22	56 33	56 30	56 32	55 30	53 37	85 30	65 42	53 37	71 38	67 33	80 40	85 60	65 43	65 36	42 30	56 20	58.2 30.8
NDERSON 4 SW	MAX	48 28	30 15	39 20	56 28	68 35	66 36	66 47	57 24	38	53 25	55 43	53 37	41 27	46 22	47 28	44 37	60 33	56 31	53 33	50 38	58 36	55 36	58 32	88 46	66 36	77 56	75 51	62 48	48 33	48	61 32	55.0 33.8
NDMAN SETTLEMENT SCH	MAX MIN	60 32	40 15	28 11	40 15	57 13	61 27	63 30	65 40	54	50 16	54 21	54 44	58 47	49 25	45 21	56 27	38 29	56 31	47 30	56 41	64 28	66 33	49 33	48 28	73 36	66 34	80 55	86 44	68 40	44	43	55.1 29.5
PKINSVILLE 2 E	MAX	43 31	33 16	44 20	56 23	65 28	66 38	68 43	60 29	41 20	58 25	56 38	47 35	38 28	48 23	53 25	45 38	63 35	51 30	58 35	55 37	64 31	55 35	60 34	70 40	68 38	78	70	65 45	50 31	48 24	82 28	56.2 31.2
VINGTON	MAX MIN	45 30	31 14	43 16	55 26	65 32	64 34	66 48	60 24	39 18	51 23	53 41	54 41	43 29	45 21	51 28	45 34	59 31	57 29	53 30	50 39	59 32	54 35	56 36	67 44	65 33	73 53	72 52	63 48	51 31	48	58 27	54.7 32.3
ITCBF1ELD	MAX	49 30	37 13	43 17	55 27	65 30	66 34	66 48	60 25	38 18	54	52 41	54 43	48 28	46 18	54 27	50 35	60 31	58 31	57 31	55 38	61 31	56 34	56 33	68 41	68 35	73 53	72 50	65 47	57 30	45 24	58 27	56.4 32.0
EXINGTON WB AIRPORT	MAX M1N	38 18	24 11	36 12	54 24	61 28	58 36	64 47	51	35 17	49	51 40	54 43	49 24	43	51 28	42 28	56 28	43 27	51 27	49 37	58 33	50 35	49 35	67 40	60 34	78 45	77 50	64 37	38	43 23	54 23	51.8 28.8
DOISVILLE STAN W E AP	MAX	37 21	27 13	39 15	56 27	66 36	63 37	67 45	53 24	38 19	50 26	55 42	53 38	38 25	46 22	51 30	45 34	60 32	43 29	52 30	48 38	60 34	51 37	56 38	66 43	61 38	76 50	73 52	64 38	38 31	47 27	57 27	52.8 32.2
DOISVILE WB CITY	MAX	37	25 14	38 16	54 30	64 37	62 38	65 46	52 23	36	49 28	55 42	53 38	38 25	43 24	51 34	45 33	58 35	42 30	51 31	48 37	57 36	51 37	54 37	66 44	61 38	74 52	72 51	82 38	39	44 27	56 31	51.7 33.2
OVELACEVILLE	MAX	53 32	42 18	47 24	60 25	67	68 34	64 46	60 25	44 20	61 24	57 44	56 36	38 28	50 20	50 24	47 40	64 28	60 30	55 36	54 36	60 33	57 37	64 25	70 42	71 37	77 61	74 51	63 4.8	58 30	53 28	63 31	58.3 33.0
ADISONVILLE 1 SE	MAX	52 32	41 16	30 16	45 23	56 28	65 33	65 34	67 32	55 21	38 21	56 25	55 39	43 28	33 23	47 25	50 28	44 31	61 30	48 32	56 36	54 34	60 38	50 35	58 37	86 35	69 38	77 58	85 50	62 34	48 27	47 30	53.8 31.3
LIDIOTE CAVE PARE	MAX MIN	48 30	37 15	43 16	57 25	65 30	64 31	66 48	62 25	40 19	55 18	55 41	56 46	57 28	47 18	55 22	52 37	61 32	60 31	88 32	58 41	63 20	63 36	58 35	70 45	68 34	74 45	75 51	67 54	65 30	45 24	58 22	58.6 32.0
ANCHESTER	MAK	58	37	46		65	65	68	60	40			67	64	49	60	56	60	55	64	54	66	55	55		71	80	83	70	60	45	50	59.4
ATFIELD 2 S	MAX	53 29	42 14	44 20	58 26	67 29	66	62 43	62 22	45 25	58 23	58 41	57 34	41 24	48 18	53 25	48 36	62 28								70 38	77 57	77 47	63 42	60 30	51 25	61 31	57.7 30.7
AYSVILLE DAM 33	MAX MIN	53 32	37 12	22	34	52 18	61 27	58 29	64 42	50 19	33 17	48 17	51 39	50 36	39 19	41 19	54 25	40 25	55 27	40 26	47 26	34	56 38	48 35	45 32	67 32	55 31	81 44	83 52	65 36	40 25	43 22	50.4 27.6
IDDLESBORO	MAX MIN	49 34	38 18	45 20	54 22	66 28	65 31	65 50	61 30	43 22	56 20	55 35	62 51	59 34	48 26																		
OUNT STERLING	MAX	49 31	37 10	37 10	55 23	€2 31	63 35	66 46	64 23	35 12	52 21	52 40	55 41	57 28	43 20	55 29	50 33	55 28	55 26	53 27	51 41	60 37	58 38	49 35	68 33	83 34	80 43	81 53	66 48	62 32	44 25	56 25	56.0 31.0
URRAY	MAX	53 32	43 18	46 23	58 25	68 30	65 34	64 48	62 26	43 21	60 23	58 46	58 38	45 28	50 20	53 24	52 39	64 28	83 31	60 35	60 33	64 31	61 35	63 27	73 47	72 38	78 60	76 50	66 45	63 33	53 25	65 32	60.0 33.1
WENSBORO	MAX M1N	51 31	40 16	37 16	56 20	66 32	70 33	65 48	62 28	37 21	53 25	54 43	53 38	41 28	46 23	51 29	45	61 32	58 29	55 32	54 40	58 34	55 36	58 33	68 44	70 40	75 54	72 56	61 46	47 33	47 26	60 30	55.7 33 2
ADUCAH CAA	MAX	45 28	30 18	44 23	56 28	66 34	67 36	62 45	45 24	40 21	58 27	58 42	42 35	35 24	46 22	50 27	48 33	62 32	48 31	56 36	46 37	58 36	44 31	61 30	69 41	70 40	77 58	61 50	62 38	40 30	51 27	62 37	53.5 32.9
ADUCAH	MAX	55 29	32 19		56 27	68 33	87 36	64 48	62 29	40 22	58 27	58 44	58 37	40 28	47 22	50 27	47	64 31	61 32	56 37	53 38	60 36	58 36	61 30	67 43	70 37	79 61	76 52	61 49	60 35	50 30	63 36	57.6 34.7
1KEV1 LLE	MAX M1N	4.8 25	31 18	42 14	58 18	67 24	65 30	82 43	57 26	42 23	55 20	52 32	63 44	57 31	48 28	60 25	37 33	58 30	50 30	61 29	50 43	66 32	49 38	47 35	75 31	67 38	82 37	88 54	70 46	48 33	47 32	58 25	56.8 31.2
RINCETON	MAX MIN	54 30	40 16	47 18	60 23	70 24	67 30	68 47	61 26	19	58 20	43	55 38	41 28	51 18	52 21	48 39	65 25	56 30	60 35	56 35	65 31	59 34	62 23	70 44	70 34	78 58	75 48	65 43	54 27	52 21	65 25	59.0 30.8

DAILY	TEMPER	ATURES

KE	N	TU	C
MARC	R	1	8

															1	Day o	f mor	ath												v			rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Āve
ICHMOND TEACHER5 COL	MAX		38 12	26 13	39 18	50 27	61 32	61 36	66 38	38 17	35 19	51 29	55 41	57 33	54 18	44 25	55 34	38 28	55 27	41 28	53 35	40 32	61 39	43 34		67 34	65 42	78 55	81 47	65 31	39 22	41 22	52 30
USSELLVILLE	MAX		31 18		55 35	63 40	64 35	65 35	66 30	42 23	55 32	55 45	56 15	45 32	47 23	55 30	53 39	61 35	59 34	61 38	59 40	64 38	58 38	33	70 42	70 40	75 52	76 55	69 49	58 35		56 30	5
JOHN BETHLEHEM ACAD	MAX		38 14			54 28	64 32	64 41	64 32	33 19	37 20	53 27	54 40	46 30	32 22	44 23	52 29	38 30	58 28	43 29	53 31	46 28	38 32	43 35			64 39	73 60	70 47	64 32	39 24	44 23	5 2
CIENCE HILL	MAX			43 18	55 24	62 27	63 31	65 47	63 25	38 19	54 22	52 44	65 49	61 29	45 22	55 25	53 33	55 29	55 31	61 31	55 42	63 28	62 38	53 34		68 34		78 51	65 48	63 33	43 25	55 32	10.03
OTTSVILLE	MAX			45 20	57 27	64 30	65 36	64 49	60 27	41 19	58 21	55 43	58 48	58 29	50 27	57 26	48 28	60 32	56 34	66 34	62 42	64 32	59 36		71 44	73 35	76 48	74 52	59 48	64 30	47 24	62 27	20.00
ELBYVILLE 2 W	MAX			39 12		64 27	62 34	65 45	61 22	37 17	49 22	51 40	52 41	42 28	44 19	52 26	49 33	57 29	55 24	50 30	50 41	60 29	57 36	53 35	68 31	61 31	76 43	74 52	65 47	57 31		57 24	
ST LIBERTY WATER WES	MAX			36 14		56 22	62 28	61 34	34 35	50 20	48 31	59 32	51 36	58 41	43 21	49	55 30	51 31	55 28	56 29	51 41	50 39	51 40	51 35	57 33	61 35	36	81 43	48	57 40		62	10.00
LLIAMSBURG	MAX			45 19	54 22	62 22	64 33	69 46	62 27	40 20	55 22	55 35	66 50	60 30	45 25	60 25	57 35	60 30	57 33	63 34	63 44	61 31	60 37		73 34	71 32	80 14	80 53	68 47	65 38			3
ILLIAMSTOWN	MAX			21 9		52 23	60 32	60 34	63 37	37 16	33 15	45 23	51 40	51 30	31 18	41 18	51 31	36 22	55 25	38 25	47 25	36	55 39			65 32	56 33	80 50	77 47	63 32			2
DLF CREEK DAM	MAX			34 20		59 28	66 33	64 37	66 44	43 22	41 22	59 40	60 50	58 40	39 27	50 25	58 30	12 30	58 36	52 36	68 39	49 31	66 32	48 37	58 39	73 34	74 45	81 69	78 51	70 33	47 27	46 24	

## EVAPORATION AND WIND

Table 6																																	
																	Day o	of mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	32	23	24	25	26	27	28	29	30	31	Total or ave
WOLF CREEK DAM	EVAP			* 30	.20	.16 15	.17		.05		23	.25	.00	.06	38	- 9	-	.29			.12	. 03	.11	.07	.10 28			.18	.21	.26		.10 19	

## SNOWFALL AND SNOW ON GROUND

KENTUCKS

Station																Day	of me	onth													
Station		1	2	3	4	14	6	7	8	9	ю	11	12	13	14	15	16	17	18	19	10	-21	32	43	34	25	24	26	39	30	(1)
LAND DAM 29	SNOWFALL SN ON GND		0.5 T															T													
HAM	SNOWFALL, SN ON GND	т	0.5			т			T	1.5	s			Т	1.0 T		1.5		т		т			Т					T	0.3	
LING GREEN WB AP	SNOWFALL SN ON GND	т							Т					Т									τ						т		
BIN CAA	SNOWFALL SN ON GND	т							0.1 T					Т			Т						т	Т					Т	Т	
INGTON WE AIRPORT	SNOW FALL SN ON GND			т					T	Т		Т		т			т	т					т	Т					0.2		
AIPTE	SNOWFALL SN ON GND	т	т											Т			T	T					Т						т		
MERS	SNOWFALL SN ON GND		0.5	T						Т				-			T													T	
DS FERRY DAM 50	SNOWFALL SN ON GND									т					Т									т						T	
NKFORT LOCK 4	SNOWFALL SN ON GND																	Т													
DELBERG LOCK 14	SNOWFALL EN ON GND																													Т	
DMAN SETTLEMENT SCH	SNOWFALL SN ON GND									т					T									Т						т	
INGTON	SNOWFALL SN ON GND								Т																				Т		
INGTON WE AIRPORT	SNOWFALL SN ON GND	0.3	T						0,2 T	т				0.1 T			0.2	т	т				T	Ŧ					0.2	T	
ISVILLE STAN WB AP	SNOW FALL SN ON GND	0,1	Т						Т					т			Т						т						Т		
MOTH CAVE PARK	SNOWFALL SN ON GND								Ť -					Т									T						T -		
SVILLE DAM 33	SNOWFALL SN ON GND		0.8	т	т				Т	Т	т			т															Т		
DLESBORO	SNOWFALL SN ON GND	S														=	-		-	-			4	÷						-	-
RAY	SNOWFALL SN ON GND													T									т						T		
NSBORO	SNOWFALL SN ON GND								T																				T		
UCAH CAA	SNOWFALL SN ON GND								т					т									т						т		
EAITTE	SNOWFAUL SN ON GND		-							-	-				-	-		-													
TTSVILLE	SNOWFALL SN ON GND																						т						Т		
LIAMSTOWN	SNOWFALL SN ON GND		0.4												-																

Station	Index No.	County	Dramaget	Latitude	Longitude	Elevation	Obs vati tim	n.	Refer to tables	-	Station	Index No.	County	Drainage;	Latitude	Longitude	Elevation	Obsevatio time	n	Refer to tables
ADDISON DAM 45 ADOLPHUS 1 % ALLEM ANCHORAGE ASMCAMP	0043	BRECEINRIDGE ALLEN FLOYD JEFFERSON PIKE	1 7	37 55 3E 39 37 55 3E 1E 37 16		700	79	GA CORPS OF ENGINEERS 7A IDELL M DEARING 8A KAMMIE AUXIER 7P C K BARRET EA MARY S RATLIFF	3 4 8 4 3 2 3 5 3		LOGLICE 1 8 LONDON POST OFFICE LEDISA LOCE 3 LODISVILLE BOWMAN FLD LOUISVILLE STAN WB AP	4943	CLARE LAUREL LAWRENCE JEFFERBON JEFFERSON	1 7	37 51 37 08 38 07 38 13 38 11	84 02 84 05 82 37 85 40 85 44	58.4	M	ID MRS H BURGHER ID E W MC NASSER 7A BUSTER SEK ID US ENGINEERS IO US WEATHER SUREAU	3 4 3 4 3 4 3 4 3 4 2 3 4 5
ASHLAND DAW 29 EARBOURVILLE WAYER WES BARDSTOWN BAXTEE HARLAN WATER WES BEAVER DAW	0381 0389 0450	BOYD ENOX NELSON HARLAN OSIO	8 2	38 27 38 52 37 48 36 51 37 25	82 36 83 53 85 28 83 20 86 52	637		EA CORPS OF ENGINEERS 1D JOHN R WHARTON 7A MES POPE SISCO ID CYRUS S LAYSON 6P E G YOUNG	2 3 5 3 4 3 3 4 2 3 5	Y	LOUISVILLE UPPER GAGE LOUISVILLS WE CITY LOVELACEVILLE LUCAS MADISONVILLE 1 SE	4956 4967 5002	JEFFERSON JEFFERSON BALLARD BARREN HOPEINS	. 7	38 17 38 15 36 58 36 53 37 19	85 48 85 46 88 50 86 02 87 29	403 457 479 435	MID M	MA US ENGINEERS ID US WEATHER BUREAU 6P BLAINE WALONE 10 CECIL N BRITT 7A J F MC COY	3 2 3 4 5 2 3 5 3 4 2 3 4 5
BENIAM SENTON SEREA COLLEGE BEREA WATER WORKS BOSTON 2 SW	0611 0619 0624	HARLAN MARSHALL MADISON MADISON NELSON	9	36 58 38 51 37 34 37 34 37 46	88 21 84 18	380	8A 6P	BA C C WBITEAEER 1D WILLIAM NELSON 6P JAMES A GROSSMAN 7A MRS L B GAFFARD WA MRS PAULENE COY	2 3 5 3 4 2 3 4 5 3 3	7	HAMMOTE CAVE PARE MANCHESTER MAYFIELD SUBSTA MAYFIELD 2 5 WAY6VILLE DAM 33	5110 5230 5232	EDMONSON CLAV GRAVES GRAVES MASON	6	37 11 37 09 36 44 36 42 38 38	86 06 83 46 8R 39 R8 38 83 42	800 450 364 364 524	7A 5P	SP NATIONAL PARE SERV 7A EARL BOWARD TVA SP MRS JOS PAYNE 6A CORPS OF ENGINEERS	2 3 5
BOWLING CREEN BOWLING CREEN SUBSTA BOWLING GREEN WE AP BRENT DAM 36 BROWNSVILLE LOCK 6	0907 0909 0978	WARREN WARREN WARREN CAMPBELL ROMONSON	3	37 00 37 01 36 58 39 03 37 12	86 26 86 26 84 25	535	MID	7A JAMES R EDWARDS TVA ID US WEATHER BUREAU 7A CORPS OF ENGINEERS 7A CORPS OF SNGINEERS	3 3 2 3 4 5 3 3	7	MC EINNEVSBURG MIDOLESBORO MIDOLESBORO RR 3TA MIDMEN 2 5 MILLERSBURG	5389 5394 5407	PENDLETON BELL BELL WOODFORD BOUREON	5 2 2 4 5	38 36 36 37 36 37 38 07 38 18	84 16 83 43 83 43 84 42 84 09	810 1128 1130 805	5P M	ID AMANDA A AULICE ID NUGE ALLEN ID FRANK M TALIAFERRO 5P JOHN 8 NUGENT BA W T ALEXANDER	2 3 4 2 3 5 3 4 3 3 4
SURGIN DIX DAM BURNSION CADIZ LOCK E CAMPSELLSVILLE CARROLLTON LOCK 1	1158 1206 1256	MERCER PULASEI TRIGG TAYLOR CARROLL	3	37 48 38 59 36 46 87 20 38 41	87 5R 85 2I	770 705 424 777 480	4P 8P	8A C W WILLIAMS 7A SARAR E LEWIS 7A CORPS OF ENGINEERS 6P ALVA MC KINLEY 7A CORPS OF ENGINEERS	2 3 5 6 3 3 2 3 5 3 4		WILLERSTOWN WONTICELLO WORLHEAD STA TEACH COL WOUNT STERLING WUNFORDVILLE	5524 5555 5640 5684	MONTGOMERY	2	37 27 36 50 38 11 38 03 37 16	86 03 84 51 83 26 83 57 85 53	580 910 770 930 600		7A MRS O M LAWLER 7A E O COOPER ID H C HAGGAN 5P FRED CARTWILL 7A MUBERT E HODGES	3 3 3 4 2 3 5 3 4
CENTRAL CITY WATER WES CLINTON COLLEGE RILL LOCK II COLLUBBIA CONSTANTINE	1704	WUSHLENDERG HICKMAN WADISON ADAIR BRECKINRIDGE	4	37 19 36 41 37 47 37 06 37 40	89 00 84 06 85 18	729		IO WILLIAM A DATES ID WOODSON D FRANKLIN FA CORPS OF ENGINEERS FA MRS HAZEL B PICKETT ID MRS GLENNIF L SHARN	3 4 3 4 3 3 3 3 4		MURRAY OLIVE HILL OLNEY OMEONTA DAM 35 OWENSBORO	6012 6020 6033	CALLOWAY CARTER HOPKINS CAMPBELL DAVIESS	7 7	36 36 38 18 37 13 38 58 37 46	88 20 83 11 87 47 84 18 87 09	600 752 380 497 420	м	5P MURBAY WATER SYSTS ID CHARLES M CRAWPORD BA ART D WILLIAMS BA CORPS OF ENGINEERS 7A VIRGIL P CLARK	3 4
CORBIN CAA CORBIN MATER MORES COVINGTON WE AIRPORT CTYSTELANA DANVILLE	1806 1855 1998	WHITLEY WHITLEY EXMTON NARRISON BOYLE	7 5	36 58 36 57 39 04 38 23 37 39	84 08 84 06 84 40 84 18 84 46	1070 869 684	MID MID 7A	ID CAA 7A CORBIN WATER WORKS ID US WEATHER BUREAU 7A MARSRALL HILL 73 R P COLDIRON	2 3 4 5 3 2 3 4 5 3 2 3 5	7	OWENSBORO DAM 46 PADUCAH PADUCAH SCS NURSERY PADUCAN CAA AP PAINTSVILLE	6115 6117	DAVIESS MC CRACKEN MC CRACKEN MC CRACKEN JOHNSON	7	37 47 37 06 37 04 37 04 37 49	87 08 88 37 88 35 88 46 82 48	404 340 410 820	7P M MIO M	7A CORPS OF ENGINEERS 5P WESTERN P LACKEY ID SOIL CONSERV SERV IO U.S CIVIL AERO ADD 7A JESSS FAIRCRILD	3 4 2 8 5 3 4 2 3 4 5 3
DAYELLA DELPHIA 1 K OZEA OUNDEE BARREITS FORD SR DUNMOR	2132 2139 2358	MARTIN PERRY ENOTT OHIO MUNIENBERG	4	37 48 37 02 37 25 37 33 37 05	82 32 83 07 82 48 86 43 87 00	1780 850 430 610		ID BERTHA DE LONG SP RALPH R BEALL BA HATTIE B BARNEY TA J L HUFF TA N D CIVENS	3 4 3 3 3 4 3		PIREVILLE PINEVILLE PLEASUREVILLE 2 S PRINCETON RAVENNA LOCK 12	6384 6435	PIKE BELL SHELDY CALDWELL ESTILL	4	37 29 36 45 38 20 37 06 37 40	82 31 83 42 85 07 87 53 83 57	686 999 882 529 631	50	2A US WEATHER BUREAU 7A F PARTIN 5A E B MORGAN 5P ALTON M HARVILL 7A CORPS OF ENGINEERS	2 3 4 5 3 3 2 3 5
DUNNVILLE SDDYVILLE LOCK F SDMONTON SLIZABETHTOWN FALMOUTH	2445 2489 2510	CASEY LTON METCALFE MARDIN PENDLETON	3	37 13 37 03 37 00 37 42 38 40		420 600		A LINNIE D TARTER 7A CORPS OF ENGINEERS 7A JOHN E MORAN 7A ROBERT E SETTLE BA JESSIE OLDMAM	3 3 3 4 3 3		RICHMOND E STATE COL RUBSEY LOCE 2 RUSSELLVILLE RUSSELLVILLE SUBSTA SADIEVILLE WATER WORES	7039 7049 7054	MADISON MC LEAN LOGAN LOGAN SCOTT	3	37 44 37 32 36 51 36 50 38 23	84 18 87 16 86 53 86 54 84 32	1000 384 390 576 890	8P	5A THOMAS C HERNDON 6A CORPS OF ENGINEERS 6P DR S S MC REYNOLDS TVA ID RICRARD # ZEYSING	2 3 5 3 4 2 3 5 3 4
FARMERS FLEMINGSBURG FLEMINGSBURG POST OFFIC FORD LOCK 10 FORDS FERRY DAM 50	2903 \$2908 2953	ROWAN FLEWING FLEWING MADISON CRITTENDEN	5	38 09 38 25 38 25 37 53 37 28	83 44 84 15	750 593	6P	7A MRS C C STAMPER 7A BYRON F FLEMING ID MAURICE O CARPENTES 6A CORPS OF ENGINEERS 6A CORPS OF ENGINEERS	2 3 5 3 4 3 2 3 4 5	7	ST JOHN BETHLEHEN ACAD ST MARY SALVISA LOCK 6 SALYERSVILLE SCIENCE HILL	7096 7121 7129	HARDIN MARION MERCER MAGOFFIN PULASEI	5	37 42 37 35 37 56 37 45 37 11	85 59 85 21 84 49 83 04 84 39	777 730 520 900 1065	7A M	7A SISTER S M GSELL ID ST MARY COLLEGE 7A CORPS OF ENGINEERS ID J M MAY 6P WILLIAM H DOBBS	2 3 5 3 4 3 4 2 3 5
FRANKLIN WATER WORKS PREMCHBURG GEORGETOAN WATER WORKS GEST LOCK 3	3036 3052 3194	FRANKLIN SIMPSON MENIFEK SCOTT HENRY	5 4	38 13 36 43 37 57 38 12 38 25	84 52 86 34 83 39 84 33 84 53	504 691 930 880 490	6A	6A CORPS OF ENGINEERS 7A HERMAN D MEAL 5P FRENCHBURG SCHOOL 8A JGE W ATKINS 7A CORPS OF ENGINEERS	2 3 5 3 4 3 3 3 4	7	SCOTTSVILLE SEBREE WATER WORKS SHELDTVILLE 2 W SHEPHERDSVILLE SWITHFIELD 4 8	7234 7324 7334	ALLEN WESSTER SHELBY BULLITT SHELBY		36 45 37 36 38 13 37 59 38 20	86 12 87 32 85 16 85 44 85 16	770 360 825 450 862	80	SP HOBLE ALLEN SP SEBRIE WATER WORKS SP WILLA S A RATTA 7A CONRAD MARAMAN ID P W SIMPBON	2 3 5 8 2 3 5 2 3 5 3 4
GLASCON GODMAN AFBU FT KNOX GRANT DAM 38 GRAYSON GREENSBURG	3280 3558 3391	HARREN HARDIN BOONE CARTER GREEN	7 7	37 00 37 54 38 59 38 19 37 18	85 58 84 49 82 57		7.6	7A OSA L FOLLIS 1D US AIR FORCE 6A CORPS OF ENGINEERS 8A SHIRLEY I STATEN 7A MRS MELL M LINGLE	3 4 3 4 3 3 2 3 5		SOMERSET HIWAY DEPT SPRINGFIELD STEARNS SUBMER SHADE SUBSTA TATHAM SPRINGS	7604 7677 7805	PDLASKI WASHINGTON MC CREARY WETCALFE WASHINGTON	8 2 3	37 07 37 41 36 42 36 53 37 52	84 35 85 14 84 29 85 40 85 09	873 738 1420	м	ID ROSCOE RIERCE BA WM N COATLEV ID C E CHITWOOD TVA ID N C DEDMAN	3 4 3 4 3 4 3 4
GREENUP DAM 30 GREENVILLE 2 W HALFYS MILL HARTFORD 6 X	3443 3451 3539	GREENUP GREENUP WURLENBERG CHRISTIAN ONIO	7 3 3	37 15 38 37 37 12 37 03 37 32	R2 5I 87 12 87 20	740	SP	7A KENNETH STOTTS 7A CORPS OF ENGINEERS 5P C R LOVELL ID CLEATUS E DRINKLEY 6P W R CARSON SR	3 3 2 3 5 3 4		TAYLDRSVILLE TOMPKINSVILLE TOMPKINSVILLE TEL OFF TURKEY CREEK SCHOOL TYRONE LOCK 5	8080 8065 8144	SPENCER MONROE MONROS TRIGG ANDERSON	3 9	38 02 36 42 36 42 36 45 38 02	85 21 85 41 85 41 88 05 84 51	489 899 899 350 524	:M	TA MRS KATHRIN B CARR ID JAMES T PRILPOTT TA MRS ALICE H HALE TVA TA CORPS OF ENGINEERS	3 4
HAZARD HEADQUARTERS HEIDELBERG LOCE I4 HENDERSON 4 SW HERNDON	3722 3741 3762	PERRV NICHOLAS LEE HENDERSON CHRISTIAN	5 4 7	37 15 3E 24 37 33 37 47 36 44	83 12 84 07 83 46 87 37 87 34	663	6P 5P 6P	ID H A BAILEY  6P MRS G L JENNINGS  6A CORPS OF ENGINEERS  6P FRANK STREET  1D C W KEATTS	3 4 2 3 5 2 3 4 5 2 3 5 3 4	7	UNIONTOWN DAW 49 VALLET VIEW LOCE 9 VANCESURG DAW 32 WAYNESDURG 6 8 WEST LIBERTY WATER WKS	8246 R259 8486	UNION MADISON LEWIS LINCOLN MORGAN	7 2	37 46 37 51 38 38 37 22 37 55	87 57 84 26 83 21 84 34 83 15	357 571 -25 1215		GA CORPS OF ENGINEERS TA CORPS OF ENGINEERS TA CORPS OF ENGINEERS TA FRANE HOECE TA JOSN W TURNSR	3 4 3 3 3 2 3 5
HICESVILLE NIGH SRIDGE LOCK 7 EINDMAN SETTLEMENT SCH MODGENVILLE NAT PANE BOPKINSVILLE 2 E	3837 3899 3929	GRAVES JESSAMINE ENOTT LARUE CURISTIAN	4 3	3g 48 37 49 37 20 37 32 36 52		1080	8A 7P	TVA GA CORPS OF ENGINEERS BA ELIZABETH WATTS ID ERNEST L. WRIGHT BA W E MORRIS	3 2 3 5 3 4 2 3 5	7	WILLIAMSBURG WILLIAMSTOWN WILLOW LOCE 13 WOLFE CREEF DAM WOODBURY LOCE 4	8714 8724 8807	WHITLEY GRANT LEE RUSSELL DUTLER	5 4 2	36 44 38 38 37 36 36 53 37 11	84 10 84 34 83 50 85 08 86 38	939 943 646 610 504	7A :	TA CHARLES 8 WEST TA MISS N H SIMPSON TA CORPS OF SNGINEERS TA CORPS OF ENGINEERS TA CORPS OF ENGINEERS	2 3 5 2 3 5 3 2 3 4 5
NYDEN 18VINGTON JACKSON JENKINS JENKIMS WATER FORKS	4165 4196 4236	LESLIE BRECKENRIDGE BREATHIFT LETCHER LETCHER		37 10 37 53 37 33 37 10 37 10	83 22 86 17 83 23 82 38 82 38	646 688 1600	79	6P MRS FOREST CAMPBELL 7P FLOYD G ROBBINS 7A MR W M GILLESPIE ID HIBBERT ELEINS 7A BILLEE L. WILLIAMS	2 3 5 3 3 3 4	7	NEW STATIONS HAZARD WATER WORKS	3714	PERKY	4	37 15	83 11	840		A BURCHELL MUNCY	3
JEREMIAH ELENE 2 M KANTUCKY DAM LANCASTER ICE PLANT LAURA	4369 4414 4620	LETCHER JENTAWINE LIVINGSTON (ARRARD WARTIN	9	37 10 37 58 37 01 37 37 37 45	84 38 88 16 84 35	950 382		7A MRS SUSAM F ISON 7A MARION W MAHIN 7A TVA SA KENTUCKY UTIL CO SA JAMES A FIELD	3 3 3 4 3 3											
LEITCHFIELD LEXINGTON WH AIRPORT LIBERTY LITTLE NICHEMM LOCK 8 LOCKPORT LOCK 2	4746 4755 4825	GRAVSON PAYETTE CASEY JESTAMINE HENRY	3 4	37 29 38 02 37 21 37 45 38 28	84 36	978	SS WID	SA GEORGE D LITSEV ID US WEATEER BUREAU 7A PALLIA L HANKLA 7A CORPS OF ENGINEERS 6A CORPS OF ENGINEERS	2 3 5 2 3 4 5 3 4 3 4	71	DRAINAGE CODE: 1 Big	Sand	y; 2 Cumberla SaIt; 9 Tenno	nd;	3 Gree	n; 4 Ki	satuck	y; 5 L:	cking; 4 Mississippl	:

The four digit identification numbers in the index number column of the Station index are assigned on a state basis . There will be no deplication of numbers within a state

and latters following the station name, such as 12 SST, indicate distance in miles and direction from the post office. Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and sessonal snowfail for the preceding I2 months will be carried in the June issue of this bullotia.

Stations appearing in the fodex, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used to this hulletin are: Tomperatures in '7, precipitation and evaporation in inches, and wied movement in miles. Evaporation is measured in the standard seather Duront type pan of 4 foot disaster unless otherwise shown by footnote following Table 5.

Slost and hail were included to smowfall everages in Table I, beginning with July 1948

Amounts in Table 4 are from recording gages. Traces are not shown

Amounts in Table 3 are from non-recording gages, usloss otherwise indicated

Data is Tables 3, 5, 6 and snewfall data in Table 7 are for the 24 hours ending at time of observation. See the Station index for observation time

Enow on ground in Table 7 is at observation time for all except Seather Dureau and CAA stations. For these stations snow on ground values are at 7:30 p.m. X.S.T. on in Table 7 is at observation lise for all everys Wather Surveys and CAA stations. For three stations came on ground values are at 7,30 pas. 18.57. No record to Tables 7, 4, 6, 7 and the Station lades. On Forested in Table 2 and 5 is indicated by no coars, then heavyly precipitation is assessed as Cameron and CAA stations. The CAA station of the CAA

Supersylvin Price: casts per opp, mentic and annul: \$1.50 per year. (Yearly subscription includes the annul Smaary.) Checks, postal notes and meany orders about or made parable to the Treasurer of the United States. Resiliances and correspondence recarding subscriptions should be sent to the Esther Records Processing Content of December 2017 (Fig. 12).

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WEATHER BUREAU F. W. REICHELDERFER, Chief

AUG - GET

# CLIMATOLOGICAL DATA

**KENTUCKY** 

APRIL 1950
Volume XLV No. 4



### KENTUCKY - APRIL 1950

O. K. Anderson, Section Director - Louisville

### Weather Summary

Abnormally cool temperatures prevailing in March persisted during the greater portion of April with this being the coolest April in Kentucky since 1926. Rainfall was generally below normal in all sections of the state with the greatest deficiencies near the eastern boundaries. Little progress in farm work was possible during the first half of the month due to unfavorable weather conditions with favorable progress during the last half. However, all farm activities were somewhat delayed at the close of the month.

The progressive movement of a succession of Arctic air masses over Kentucky kept temperatures generally well below seasonal levels for the first three weeks of the month. Heavy frosts or freezing temperatures were observed generally over the state on the 7th, 11th, 13th and 14th with considerable damage to commercial fruit crops as a result. Temperatures moderated somewhat during the last ten days of the month with highest temperature of the month generally recorded on April 24th and 25th. Temperatures during the balance of the month were near the seasonal levels with little day to day variation. The average temperature for the state was 52.3°, which is 3.9° below normal for the month. The monthly mean temperatures ranged from 56.5° at Middlesboro to 47.5° at Maysville. The highest temperature recorded during the month was 91° at Pikeville on the 30th, with the lowest reading 17° at Farmers on the 7th at Farmers on the 7th.

Precipitation for the state averaged 2.97 inches, which is 1.01 inch below the April normal, making this the driest April since 1946. A few stations in the western section of the state recorded plus departures from normal, with the greatest negative departures being near the eastern borders of State. The greatest monthly fall was 5.77 inches at Henderson, with the least amount being 1.10 inch at Williamsburg. The greatest rainfall recorded in any one day was 3.70 inches at Rumsey, Lock 2, on the 3rd. Snowfall was negligible, with many stations not reporting any. The greatest fall was 1.5 inches at Maysville on the 13th.

Progress of vegetation in general was very slow during the cool weather during the first half of the month. Soil was sufficiently dry to permit plowing and preparation of ground for crops during the greater portion of the month. Tree fruits and strawberries in the western portion of the State suf-fered considerable frost damage on the 7th and 14th, with continued cool weather delaying development fered considerable frost damage on the 7th and 14th, with continued cool weather delaying development during the greater portion of the month. Growth of pastures was retarded for the first half of the month and while pastures and fall-sown grains developed rapidly during the last half of the month, stock feeding was general throughout the period. Tobacco plant beds were generally completed by the end of the first week in April, with slow growth during the greater portion of the month. Deficient rainfall made watering of plant beds necessary in many sections. In general, vegetative plant growth was about ten days behind normal seasonal development at the close of the month. There were no destructive storms reported during the month.

River levels were below flood stages during the month in all sections except on the Green River and on the Ohio River below Owensboro, Kentucky. A storm on April 3 - 4 brought average rainfall of 3-1/2 inches over the lower Ohio and Green Rivers and 1-1/2 inches over the middle and upper portions of the Green. Flood stages occurred on the lower Green and lower Ohio with above flood stages on the lower Ohio from the 5th to the 17th. These areas had been flooded in the past three months, with no additional damage reported.

O.K.A.

## ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydroclimatic Series. The Hydroclimatic Network is a mattered not of recording the series of the Hydroclimatic Series. The Hydroclimatic Network is a mattered not of recording the content of the Hydroclimatic Series. The Hydroclimatic Network is a mattered not of recording the Hydroclimatic Series of the Hydroclimatic Series of the Hydroclimatic Series of the Hydroclimatic Series of the Hydroclimatic Series of the Hydroclimatic Series of the Hydroclimatic Series of the Hydroclimatic Series of the Hydroclimatic Series Serie

Previous to the introduction of this bulletin series, data from Reducclisation Network stations were presented in bulletins (prieologic Bulletins) which states, but since the Network as catalance areas enhancing the entire Bulted States, but since the Network was established to seet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution short provision was made for example of the state of the sta

Many other records published in this hulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

## SUPPLEMENTAL DATA

						5011	Ashalv.	111111	111	DIL									API	KNTUCKY
	Wind	direction		Wind	speed p h		Relat		idity ave	itades		Numi	ber of d	oys with	precip	itation			Date	
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p	Trace	0109	10-49	80-99	100-199	2 00 and over	Total	Percent of possible sunshine	Average sky cover sunne to su	Degree days
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## COMPARATIVE DATA

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Year	Average	Highest	Lowest	Average	Äverage	No. of days .01 or more	Year	Āverage	Highest	Lowest	Average	Average snowfall	No. of days .01 or more	Year	Åverage	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
189   189	57.0 57.0 58.0 56.0 58.0 56.2 63.6 55.5 52.4 57.2 56.2 50.9 54.2 50.9 54.2 50.9 54.2 50.9 54.2 50.9 54.2 50.9 54.2 50.9 54.3 56.0	89 92 92 92 88 94 94 94 96 90 86 96 90 85 91 91 94 87 89 96 88	244 28 24 22 21 23 22 24 25 19 20 15 23 22 22 22 22 23 23 23 23 23 23 23 23	1.61 4.04 2.52 7.12 6.99 3.54 3.18 1.65 6.03 3.38 3.16 2.15 4.01 2.65 4.43 2.83 3.00 2.75 6.56	T 1.1 0.3 T 2.6 0.1 T 0.2 0.0 0.2 0.8 T 0.7 T	9 6 11 9 9 12 11 14 14 14	1912 1913 1914 1915 1915 1916 1917 1918 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1931	58.4 55.3 55.7 60.1 54.0 55.8 53.9 56.7 50.8 58.2 59.5 54.8 57.4 61.2 51.6 58.7 52.9 60.1 38.9 56.4 55.9	87 89 91 96 89 90 87 89 90 88 90 93 93 98 87 92 83 94 89 86 87 90	25 27 13 17 23 19 25 19 22 22 22 25 13 19 23 16 22 21 23 21 25 25 27 24	7,90 2,73 3,62 0,96 2,64 5,02 4,07 3,51 6,16 4,09 4,25 4,88 3,41 3,16 3,17 6,39 4,20 3,57 1,31 4,52 3,88 4,74 2,16	T T T 0.0 1.4 0.5 0.3 0.0 0.2 T 0.0 0.1 0.0 T T 0.6 0.0 0.0 0.1	12 10 10 10 5 9 8 12 10 13 10 10 10 10 10 10 10 10 10 10 10 10 10	1935 1936 1938 1938 1938 1940 1941 1942 1943 1944 1945 1946 1948 1949 1950	55.3 53.1 55.9 59.3 53.7 54.1 60.0 58.1 54.1 55.6 59.6 59.6 59.6 60.4 53.9 52.3	92 90 91 91 91 93 93 95 87 89 92 90 94 86	24 19 22 22 22 21 19 27 18 20 17 22 24 22 24 22 27	4.42 4.79 4.38 2.85 6.07 4.88 2.89 3.01 3.93 4.73 4.36 2.13 4.84 5.49 3.52 2.98	0.1 0.0 T T 0.1 0.0 T T 0.2 0.0 T T 0.0 T T 0.0 T	12 11 12 9 13 11 19 5 13 11 11 11 8 12 8 16

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Average	Departure from	Highest	Date	Lowest	Date	Max. 90° or a	Min, 32* or b	Total	Departure from	Greatest Day	Date	Total	Max. Depth o Ground	Date	.01 or more	.25 or more	1.00 or more
WESTERN DIVISION																	
BEAVER DAM   53.3   FORDS FERRY DAM 5   54.8   GREENVILLE 2 W   53.2   HENDERSON 4 SW   53.2   BOPKINSVILLE 2 E   53.4	- 3.7 - 3.8 - 4.3 - 3.9	84 82 83 81 83	24 23+ 24 24 24	23 28 20 25 22	14 14 14 14 14	0 0 0 0	8 4 9 6 9	5.08 4.01 4.36 5.77 2.51	.94 21 39 1.71 - 1.93	3.15 2.06 2.70 3.02 .71	3 3 3 3 30	0.0 0.1 0.0 0.0 0.0			8 14 7 12 9	5 4 3 5 5	1 1 1 0
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DIVISION 53.7								3.94				Т					
CENTRAL DIVISION											3				11	2	1
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DANVILLE 51.0 FRANKFORT LOCK 4 49.3 GREENSBURG 51.4 IRVINGTON 52.2 LEITCBFIELD 53.2	- 3.9 - 6.3 - 4.0 - 3.9 - 2.7	82 84 83 81 82	25 25 24+ 24 24	23 23 23 22 22	7 1+ 7+ 14 14	0 0 0 0	8 13 12 7 6	2.94 3.17 3.25 4.40 4.58	- 1.10 76 63 .38 .21	.92 .98 1.15 1.65 2.37	3 3 3 3	.T .T 0.0 .T			11 12 9 12 10	5 5 5 5 5	0 0 1 1 1
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## DAILY DDECIDITATION

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AND DAW 29 HOURVILLE WATER RE DETERMINENT WATER REPORT OF THE TER HARLAN WTR WAS REVER DAM	T .03	04	.07 1 73 3.15	34 43 44 41 38	17 02 04	09 .03	0.3			04	08 08 23 11	.03	.03	0.5					T 11 44	T .04 .07 .03	т	05		TOR	53 24 52 .13	08			12 39 58 14	
TON R SA COLLEGE E SA VAIER WORKS FON 2 SE LING GREEN	. 07	7H 03	1.52	34 28 33 53 06	7 28 .38 35	т				.28 T 04	08 .01 15 .10		T F	T				01 T	.01 .05	10 T 05 .07	.03	T		14 T	.18 44 .07 .18	.48 .37 .03		1/3	13 11 14 04	
ING GREEN SUSSTA ING GREEN WE AP Z KT DAM 36 INSVILLE LOCK 6 IN DIX DAM	.09 T .02 .08	.50	58 .04 1.58 .69	10 30 1.50 .05	39 47 60 40	.02				.02 .10	T .02		T .02	T			T	γ	.01 .03	T .05	, 18	т		01	.83 .78 .01 .89	52 .25 32 .40		1 1	04 63 08 14 .45	
SIDE Z LOCK E PRELLSVILLE SOLLTON LOCK 1 Z RAL CITY R	.14 T .02	.08 T	.35 .61 1 45	.47 .28 1.65	38 24 20	. 04				.10	T .34 .04		т	T				т	. 08	T .02	.06	. 08 . 08 T		.01	.08 .08 1.15 .05	. 15		25	T 58 07	
TON R JOE NILL LOCK 11 JUBIA L# COLLEGE STANFINE R DIN CAA	.07		.29 58 .83 1.92 05	31 .25 .06 .46	.32 .43 .02	T				.27 .05 T	. 10	Т	т	Т				.01	. 13	т		. 04	.13	.52	.02 .58 .35 .44	. 53		.29	55	
NGTON W B AIRPORT WIANA ILLE ELLA R HIA 1 E	.02 T	.64 T	2,09 .71 .92	.54 .55 T	T .29 .30 .03 .60	T T T .08		T	.01	.11 .15 .05 .03	T T .21	T	T T	T T				T .03	.08 T .02 .22 .17	.07 T T .08	. 02	. 01	.02 T	Т	.17 T .27 .66	. 19 . 78		.03	.04	
VILLE LOCK F	.08		2.55 .68 1.00 1.55	.78	1.75 .20 .40 .26	.02					.22	т	T	. 05	Т				. 12	. 08		T . 10			.45 .10 .29	.16 .20 1.00	05	.02	. 15 .54 1.03 .20 .57	
ONTON R CABETHTOWN GOUTH MERS MINGSBURG	.01	.01	. 53	.57 .78 .42 .22	.39 .35 .41 .30 .15	.06	Т			.13 .15 .12	. 14 . 04 . 13 T		. 02 T	T T	T T				.02	.07 .04 .07	. 02	. 04		.10	.52 .37 .03 .04	.70 .27 .37 .32 .18			.53 .10 .54 .34	
INGSBURG POST OFF R D LOCK 1 S FERRY OAM 5 Z INFORT LOCK 4 IKLIN WATER WORKS Z	.03 .01 .20 .04	.10 .40 .01 T	.75 .42 2.06 .98 1.15	.30 .25 .30 .68	T .32 .39 .47	.02 T			.05	.05 .03 T	.05 .12 .42 .04		T T	T .01 T				.05 T	.12 .04 .15 .07	. 02 . 05 . 06		.02 T		.03	. 26 .67 .17 .04 .52	.02	. 05		. 36	
MCHBURG GGTOWN WATER WORK F LOCK 3 GGON T DAW 38	T .07	. 06 T	1.42	.50 .32 .85 .02 1.07	.30 .38 .47 .35 .55	.22			. 06	.10 .25 .01	. 18 . 05 . 04 . 01 T	т	т	.02					.20	T .01	. 04	. 01		r	. 42 . 02 . 48 . 04	.15 .51		.16	.14 1.20 .31 .16 .10	
YSON ENSBURG ENSBURG BIWAY 61 8 ENUP DAM 3 ENVILLE 2 W	.10	.03 .03 T	1.15	.36	.27 .30 .25 .32	T .06	т			.12	.05 .10 .03 .24		.02 T	.02				т	T .10 .05 .03 .05	T .05	T .12	T .10 .08	T T	T .08	. 55	.26 .50 .35		т	.35 .38 .03	
EYS MILL R FFORD 6 N ARD Z ARD WATER WORKS R DQUARTERS	. 09	1.26		.32 .27 .89	.96	.11	. 03		т	.33	. 26		.05 T	т					.02	.19	. 04	. 09		.01	.16 .11 .57	.60		.76 T +	.05 1.02 .24 .18	
DELBERG LOCK 14 Z DERSON 4 SW DON R USVILLE S SRIDGS LOCK 7	.16	.51	.39 3.02 .12 1.03 .52	.06 .74 .35 .96 .36	.32 T	.02	т		Т	T .02 .14	.04 .30 .01 .27		T T	T T					.21	T .04 .18 T	. 04	.06	Т	. 04	.08 .26 .23	. 66		.51	.02 .12 .03 1.18	
DMAN SETTLEMENT SC GENVILLS NAT PARE R KINSVILLE 2 E SN KINGTON	.03	.45	1.46 .55	.48 .29 .94 .33	.30 .25 T	,06 T	Т			. 33	. 07		T T						.04 T	.16 T	. 05	.09	. 20	.12	. 04 . 15 . 27 . 13	. 43		. 32	.65 .15 .71 1.10 .25	
CSON (1N5 WATER WORKS EMIAB SE 2 N FUCKY DAM Z	.14	.21		.65 .10 .58	.44 .31 .36 .30	T T				т	.10		т	т					. 26 T	.31 .10 T	. 10 T	.05		. 04	.19	. 75 . 15 . 46	.12	.12	. 36 . 12 . 55	
IA CHPIELD INGTON WS AIRPORT 2 IRTY Z	.12	.30	1.20 .02 2.37 .88 1.30	.52 .56 .44	.42 .32 T	.07 .06 T	.01		. 15	.02 T	.22	т	т	.05 T				т	.10	.20 .05 T	. 07	.06	.02	.02	. 62 . 43 . 50 . 42	. 58 . 75 . 33		.60	.36 .12 .17	
TLE SICKMAN LOCK S Z LPORT LOCK 2 JICK 1 S //R NON 3 5W R ISA LOCE 3 2	.06	-	.85 1.70 .74	.18 .82 .28	.39	. 03		- 1	-	.07	.21 .06 .12	-	т	T T					. 02	. 07 . 03	. 05			.03	.27 1 .05 .45 .36	. 20		.29	.28 .46 .10 .16	
ISVILLE BOWMAN FLD R ISVILLE STAN W B A 2 ISVILLE UPPER GAGE ISVILLE WS CITY R BLACEVILLE	.01 .05 .02 .23	.50 T .43	1.83 1.67 1.83 2.03 1.17	.14 .17 .84 .20 .47	T . 18 T	.02			.12	.02 .06 .19 .04	.06 .06 .05		T T	T T					.11	T .04	.06		.05 .07	.05	.18 .20 .11 .18 .43	. 30	.30	.05 .12 T .11	.03 .01 .24 .01	
AS R ASONVILLE 1 58 AOTH CAVE PARK CHESTER FIELD SUBSTA	.15	.57	.16 1.85 .73 .29 1.05	.20 .24 .45	. 19 T . 54 . 85	т			. 13		.17		T T					т	. 12	T . 23 . 05	т.	. 05		1	. 24 . 03 . 29	.12		. 04 T T	. 22 . 26 . 27	
TIELD 2 S WILLE DAM 33 Z INNEYSBURG //R NLESBORO PLESBORO RR STA R	.08	.15	1.17 .72 1.73	.40 .63 .36 .52 .52	. 36	.02				.15 .13 .83	.28	.03	.04	т				.09	.12 .05 .10		T .05	.05		. 03	.30 .13 .53	.15	.03	.23	.27 .17 .31 .07	
VAY 2 S LERSBURG //R LERSTOWN FICELLO EMBAD STA TEACS CO R	. 04	1.25 .14 .02	.54 .83 1.76 .2B .74	.35 .33 .51	.05	. 03			.05	.25	.21	. 03						.06	.08	. 04		.06		.02	.60 .20 .5B .61	. 22		.38	.25 .11 .26 .15	
TT STERLING FORDVILLE Z LAY TE SILL 1 NW Z	.03		. 62	.25	.05	.01	-	-	-	.06	, 24	.13	. 03	Т				Т	.10 .11 .02 .13	T	т	T .01		T . 05	.54 .51 .0B	. 67		.29 .07 .20 1.05	.05 .15 .53 .13	

## DAILY PRECIPITATION

																	Day	y of n	onth															Total
Station	-	1	2	3		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	4
ONEONTA DAM 35 OMENSBORO OMENSBORO DAM 46 PADUCAH CAA PAOUCAB	z	T .06 .06 .03	. 70	1.5 3.4 3.3 1.2 1.2	5	.58 .63 .46	.43 .36 .34 T	.02			Т	.1Z .05 .03 .41	.18		Т	т			т		.02 .06 .02 .19	.05	.04	T .01 .04	. 05	.02 .08 .35	.07			.47		.09 .18 .20 .03		4.65 5.05 5.11 4.32 4.13
PAINTSVILLE	R Z	.04	. 8: T	.7 T	6	.35	. 46	.02 .72 .08	.02 .07 T	. 03		.37 T	T .17	т	.05	.02 T	.03 T .01	.01	т	. 01	.17	.02 T	.03 T .13 .01	.09	. 01	. 28	.02	1.05	,38	. 04	. 25	.45 .24 .15 .20		3.13 2.05 1.73 1.63 3.50
PRINCETON RAVENNA LOCK 12 RICHMOND TEACHERS COL RUSSEY LOCK 2 RUSSELLVILLE		* T .04		1.6 .5 .7 3.7	5 0	.28 .15 .19 .45	T .03 .39 .27 .60	.01 T				, 06	.07		T	T					T .03		T .07	. 04		T .02	T .28 .08	.09			.18	.69 .43 .16 .31		3.74 1.13 3.21 5.21 2.43
RUSSELLVILLE SUBSTA SADIEVILLE WATER WORK S ST JOHN BETHLEHEM ACA ST MARY SALVISA LOCK 6	R	.14 T .01	. 21	.6 1.4 2.5 1.1	7 8 1	.72 .39 .36	. 59 . 36 . 52	T				.04	.04 T .17								.09	.10		.05 T .02			1.32 .41 .22 1.20	.30			. 57	. 78		3.19 2.97 5.33 3.50 3.13
SALYERSVILLE SCIENCE BILL SCOTTSVILLE SESREE WATER WORKS SHELBYVILLE 2 W	R	.06 .07 .12 .07	. 5	.2 1.0 .8 7 3.1 7 2.0	8	.40 .40 .27 .55	T T	.01			. 05	T .26	.01		T					т	.03 T	.03 T		.07	.04		.64 .65 1.29 .09				.40	. 29 . 30 . 35 . 08		1.62 2.49 2.95 5.57
SPRINGFIELD	R R	.05		1.4 2.5 1.1	5	.56 .38 T .65	.35	.03				τ .11	.14						т	.05	08						.18 .53 .39 .56	.75			.12	.46 .09 .61 .51		3, 15 1, 81 3, 74 2, 03 2, 63
TAYLORSVILLE	R	.03	.3		6 1	.35 .44 .48 .15	.42	.03				.07	. 04		т	T					.06	.07	. 02		.10	.06 .05		.33			. 13	.03 .55 1.24 .40		3.34 3.70 3.57 2.65 2.79
UNIONTOWN DAM 49 VALLEY VIEW LOCK 9 VANCEBURG DAM 32 WAYNESBURG 6 E WEST LIBERTY WATER WK	Z	. 15 T	.0	2.8 .6 2 .6 1.3	1	.85 .31 .36 .20	.36 .41 .14 .33 .39	T .02 .06 T				.06 .12	.04		. 03	T .01					.12 .01 T		.07	.09		.02	.14				.43	.09		5,38 2.03 3.08 1.28
	Z Z	.02		1.4	14	.98	.71 .40 .33 .53 .33	Т	т		т	.14	.03		.03	.03 T				.02	т	.09	.03				.26	.71			.37	.12		1.10 3.92 1.78 2.10 3.31

						A 1	M Hou	ır endi	ng									P M	Hou	r endi	ng					78
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	В	6	7	8	9	10	11	12	Total
MAYINE BARLAN WATER WAS MENTON I SW OWLING GREEN WE AP WETRAL CITY ONEIN CA OWLING GREEN WE AP WETRAL CITY ONEIN CA OWLINGTON WE AIRPORT OWNER ARRETTS FORD BR WENTAL CAN OWNERS TO CAS ONE	6 6	01 .01 .01 .03 .02 .03 .01 .05 .03	08 04 .01 .04 .01 .01 .0201 .09 .02 .01 .01 .01	.01 .03 .01 .01 .02 .02 .02 .01 .01	.01	.01 .01	•	.01	.02	.01 .01 .01 .02 .01 .05	.01 .01 .01 .01 .01	.01	-ls	t-	.01	.01						.08	.01	.01		01 07 03 04 07 03 03 03 06 08 03 02 02 02 02 06 06 01 05 03 07 07 01 05 03 06 07 07 07 07 07 07 07 07 07 07 07 07 07
DDISON DAM 45 DDLOFBS 1 N BDLOFBS 1 N BEAR COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA COLLEGE WEREA WEREA WEREA COLLEGE WEREA WEREA WEREA COLLEGE WEREA COLLE	6								.02	•	.01	.04	.16	.02 .01 .02 .02 .07 .06	.08 .06 .01 .01 .02 .08 .04 .01 .01 .04 .08 .08 .01	.10 .01 .01 .03 .01 .03 .16 .12 .01 .02 .03 .07	.19 .17 .03 .10 .30 .01 .30 .04 .05 .07 .14 .17 .01 .01	16 .18 .02 .10 .03 .01 .13 .11 .10 .08 .07 .08 .20 .19 .22 .07 .05	.02 .04 .05 .20 .02 .32 .02 .32 .03 .09 .06 .39	.15 .03 .322 .01 .147 * .32 .015 .15 .14 .09 .32	.04 .39 .29 .01 .13 .54 .05	.077.055 .122 .066.055 .011 .033.011.66.277 .122.011 .022.055 .011.011 .122.0101 .277	.455 .406 .406 .406 .406 .406 .406 .406 .406	211 .055 .022 .066 .177 .099 .022 .299 .011 .188 .055 .088 .044 .011 .022 .066 .099 .011 .022 .036 .037 .037 .037 .037 .037 .037 .037 .037	.14	1.20 .94 .78 .07 .45 1.00 1.23
DDISON DAM 45 DDISON DAM 45 DDISON 1 N  WAR AND AND AND AND AND AND AND AND AND AND	66	.10 .01 .01 .03 .10 .40 .26 .49 .15 .01 .43 .07 .11 .15 .01 .01 .01 .01	.20 .01 .01 .25 .37 .04 .12 .99 .18 .05 .14 .01 .02 .02 .33 .01 .18 .02 .02 .02 .03 .01 .18 .05	.30 .01 .04 .155 .02 .01 .01 .01 .01 .10 .03 .01 .10 .03 .01 .10 .03 .01 .10 .03 .01 .10 .10 .10 .10 .10 .10 .10	.32 .03 .10 .23 .25 * * .23 .14 .21 .07 .06 .02 .01 .17	.388 .011 .099 .099 .088 .277 .011 ** .077 .033 .122 .044 .022 .122 .055 .388 .199 .211 .077 .011 .077 .072 .074 .074 .074 .074 .074 .074 .074 .074	.02 21 188.02 .055.155 .044.17 .099.01 .077.11 .022.099.10 .111 .23	.01 .03 .07 .05 .06 * .06 .01 .03 .08 .09 .09 .09	. 17 .03 .05 .20 .02 .14 .05 .44 .22 .03 .20 .03 .01 .01 .01 .24	.02 .02 .04 .01 .02 .09 .06 .04 .10 .02 .06	.01 .07 .08 .01 .04 .01 * .01 .01 .33	.08 .01 .17 .11 .07 * 11 .03 .01 .24	.08 15 *07 .07	. 41 .01 .01 .06 .06 .07 .28 .01 .04	. 22 . 01 . 38 . 06 . 02 . 02 . 15	. 45 . 04 . 01 . 25 . 01 * 01 . 02 . 01 . 20 . 01	.23 .92 *	.01 .01 .01 .01	.01	٠	1.14	. 02				2.15 .09 1.52 1.08 .17 2.26 1.75 .29 1.92 2.36 .47 .75 1.20 1.31 1.80 .12 1.28 .12 1.46 .02 .72 .88 1.21 .79 .88

Station						-		r endin	9											ur endi	-	-	-	-	-	4
51000		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	10 11	11 12	
UISVILLE STAN W B AP		. 27	7 .20 0 .16 7 .03 3 .14 3 .03	.08	.16	.13	. 10	.02	.01	.16	. 01			.02	. 32 . S0	.19	. 01									
UISVILLE WB CITY CAS DISONVILLE 1 SE		.07	.03		. 06	.01	.04	. 12	. 24	.01		.06	.17	.02			0.2						47			
YSVILLE DAM 33		.08	. 03	.13	10	18	09	0.6	. 04	. 09	0.2	.02	.10		.01	.01	.08	.01	.07	.01	01		47			
YSVILLE DAM 33 KINNEYSBURG (LLERSBURG		.01		.24	.39	.07	. 07	.05	. 20	.06	. 02	.08	.09	.04		.01	.01						47			
OREBEAD STA TEACH COL UNFORDVILLE		.01	. 02							.08				.01		. 01		.08	. 01				47			
UNFORDVILLE WENSRORO DAM 46		.01	. 12	. 62	. 23	.15	.05	.02	.01		.01			.01 .4S	. 02	.01		.01								
WENSBORO DAM 46 ADUCAB CAA ADUCAB SCS NURSERY		.03	. 18	*	*	*	. 10	.05	. 72	*	.02	.19	* 03		. 06	.04	-	-	*	*	. 51					
ADUCAB SCS NUMBERS UMSEY LOCK 2		. 60					.08	16	. 10	.01	l I		.03	.01	. 04		. 01	.02								
UMSEY LOCK 2 ADIEVILLE WATER WORKS T MARYS COLLEGE			.17	25	.09	. 11	. 03	.09	. 14	.03	. 14			. 01	08	.01	. 25	. 07								
ALYERSVILLE		1				. 06	.03		. 08	. 02				21		40	24	0.0								
		. 26		09	3	. 10	. 14	.03	. 02					.01	. 47	. 40	.04	. 02								
OMERSET BIWAY DEPT ATHAM SPRINGS			. 13	. 09	.09	.12	.10	. 33	. 12	.05	. 08				. 02		.04									
		. 11	L .05		. 08	. 08	.05	. 09			. 03		. 01	.19									47			
NIONTOWN DAM 49 OLF CREEK DAM	1	.46 .12 .02	2 .03	3 .01		.04	. 08		05							.09							417			
OODBURY LOCK 4		.02	.29	.09		. 06		.09	.05																	
													-4t	th-									47			
DDISON DAM 4S						.02					. 02		.12	.03			200						47			
DOLPBUS 1 N														.08	. 17	.08		. 10	. 28	. 05	A T					
ARBOURVILLE WATER WES											20	26		21			.01		. 09	S .08 9 .17	7 .13	. 0	01			
SARBOURVILLE WATER WES SAXTER HARLAN WATER WES SENTON 1 SW SEREA COLLEGE SOWLING GREEN WR AP							. 01	.07	. 01	04						. 02	. 07	. 09					417			
SEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1								-	. 12		.01	. 01	. 10	.17	. 09	. 03			.01	1 .01			417			
	11					.05		.11			. 03	. 07	.04	.07	. 03								417			
CENTRAL CITY CLINTON CONSTANTINE							.04		. 01	. 04			. 05	5									417			
	6						.14					.00									. 43	15 *	All	. 1		4
COVINGTON W B AIRPORT	6									-		*	•		. 45	*	*		.03	3 .18	. 09	19	07			
COVINGTON W B AIRPORT DAVELLA DUNDEE BARRETTS FORD BR											. 01	03	.12	.06					-							
EDMONTON FLEMINGSBURG POST OFF														.01	. 09	.16	.04	.01					417			
LEWINGSBURG POST OFF					. 01		. 03	.03	. 02	.02	2 .16	.08											417			
FORDS FERRY DAM SO FRANKLIN WATER WORKS				07		. 02							. 02	28	.05	.11		.01		. 02	2 . 0:	11	417			
GEST LOCK 3 HALEYS WILL				.01		.02			.01	.01	1 .02	. 13	10	.08	. **											
	//												4				. 24	. S4	. 20	0 .15	5					
HEIDELBERG LOCK 14	11									.08	S .01	.03	. 13	. 10	.03								4			
RODGENVILLE NAT PARK													. 03	. 22	.18	.05				, 33	3 .1	8 .	14		.01 .0	. 03
JENKINS KENTUCKY DAM							. 02	.03		. 06	6 11			20	20	10	07						47			
LEXINGTON WB AIRPORT LIBERTY LITTLE HICKMAN LOCK 8	., .												. 01	.08	. 03	.10	.07	. 07					47			
LIBERTY HICKMAN LOCK 8	-//															. 14	.11	10	)				4			
LOGLICK 1 S	11														. 02	. 02	. 10	.13	3 ,01	.35	5 .0	77	04			
LITTLE HICKARN LACK S LOGLICK 1 S LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY													. 04	4 .08	. 02								4			
LOUISVILLE STAN W B AP													.04 .08	S .09 S .12	.02	.01										
LOUISVILLE WB CITY										4	Alleg		. 01	1 .03	.02		4						47			
MADISONVILLE 1 SE									. 02	2 .05	S .03	3 .10	0 .03	. 02		.03	.18	. 07		Alle			47			
MAYSVILLE DAM 33 MC KINNEYSBURG	1//														.06	.03	1 .18	.06	6							
	"													.05					. 34	4 .17	7 .0	01	47			
MILLERSBURG MOREHEAD STA TEACH COL																.06	6 .12	.06	z 6 .0€	6	.0	01	47			
MINEORDVILLE									01	0	01	. 02	2 .02	2 .07 0 01	.21	1 . 10	4									
OWENSBORO DAM 46 PADUCAB CAA									. 03	9 *	*	*		*	.01								47			
PADUCAB CAA PADUCAB SCS NURSERY PIKEVILLE							. 03	3 .01		1 .04	14 13	3 .12	2 .01							. 41		13 .:	.15		.02 .0	. 01
PIKEVILLE										. 01	. 03	3 .08	8 .07	7 .02								3	10		02	
RUMSEY LOCK 2 ST MARYS COLLEGE SALYERSVILLE													.04	4 .01	. 24	4 .09	9 .01	. 12	2 . 21	1 .03	7					
SALYERSVILLE	11												. 01	1 .14	1 .08	B .0S	3									
SMITHFIELD 4 S SOMERSET BIWAY DEPT																. 09	9 .15	5 .13	3 .01	A	1	01				. 01
STEARNS TATHAM SPRINGS													. 02	2 .05	5 .18	8 .09	9 .01					1				
					1	2	01		. 11		. 11	1 .10			.08	S . 29	9 .11	. 03								
UNIONTOWN DAM 49 WOLF CREEK DAM	//				.16	6 .2S	S .05				1				.08	8 .09	9 .17	7 .16	6 . 01	1			47			
WOLF CREEK DAM WOODBURY LOCK 4												. 02	2 .15	5 .11	. 02											
														5th-												
														TII							1	02				
BARBOURVILLE WATER WES BAXTER HARLAN WATER WES CORBIN CAA																						02				. 03
CORBIN CAA	6		. 01	/1												*					. 0	02				. 01
JENKINS		. 0	01 .01	11													0	1 .04		.0	01 .0	01 .	.02			. 03
WILLERSBURG																	.01	. 0%		. 0:	11		47		.01	4
MOREREAD STA TEACH COL															0	0			*	1	*		4	*	*	4
PIKEVILLE SMITHFIELD 4 S															.01	1 .04	Alleg									
													_6	th-												
WALL TO MAKE				1	- 0								-0	5th-												
BARBOURVILLE WATER WKS BAXTER HARLAN WATER WKS		1 .6	02	. 02	02 .01																					
DAVELLA									. 01	. 0	01 01	1 .03	3 .01	.01					. 0	01 .0	01					
FLEMINGSBURG POST OFF JENKINS				. 01	11	. 01	1	.04	4		. 01	1														
MOREBEAD STA TEACH COL		.0	02 .0	11			.01																			
DIREAITTE		1 .0	09				, 01																			
													-8	3th-												
MUNFORDVILLE														1			15	1		417			417			
MONFORDVIOLE													1	2.2												
													-6	9ţh-									.02	. 03		
																				1 .5	01 .	.01	.02	. 00	.01 .	. 0
ADDISON DAW 4S CARROLLTON LOCK 1 COVINGTON W B AIRPORT FLEMINGSBURG POST OFF																								.01		1

See reference notes following Station Index.

able 4-Continued																									APRIL	. 1950
					A 1	м Но	ur end	ing									P 1	м На	our en	ding						-3
Station	1	2	3	4	5	6	7	в	9	10	11	12	1	2	3	4	8	6	7	6		9	10	11	12	Total
OEST LOCK 3 LEXINGTON WB AIRPORT LOUISYILLE NOWHAN FLD LOUISYILLE NAN WB AP LOUISYILLE WB CITY LOCAS MAYSWILLE DAM 33 WILLERSBUNO														. 03	07	• 03	* 02 02	01	5 0	3 4	06 01 02	02	01	02 02 03	01 01 12	0I 15 12 13 15 13 05 05
DOUISVILLE WE CITY LUCAS MAYSVILLE DAM 33 MILLERSBURG MORRENEAD STA TEACH COL DOLIVE HILL I NM DOWNNSDORD DAM 46 PIRKVILLE SALTERSVILLE SMITHEISLD 4 S		01	02 04				-							-	-				ł.	. (	01 01 01	02 04 02 .01		01		01 02 08 22
												-10	th-				. 01	. 04	4 .0	5 .	07	.08				
BENTON 1 SW CARROLLTON LOCK 1 CENTRAL CITY CLINTON . CONSTANTINE COVINGTON W B AIRPORT 6	02																					. 01	. 22	.05	.01	. 28 . 02 18 . 27 15
DAVELLA DUNDEE BARRETTS FORD BR	.02	. 01	.01		•	•	*	. 11			. 01	. 02									07	.01	. 28	. 01	. 17	.03 .18 .0S .37
FLEMINGSBURG POST OFF FORDS FERRY DAM 50 GEST LOCK 3 BALEYS MILL BERNDON BODGENVILLE NAT PARK KENTUCKY DAM	. 19	. 13	.01			. 05	.04															. 02	.01	. 21	. 09	.07 .33 .14 .33 .31
BODGENVILLE NAT PARK ERNTUCKY DAM LOUISA LOCK 3 LOUISVILLE SOMMAN FLD LOUISVILLE STAN W B AP LOUISVILLE STAN W B AP LOUISVILLE BY BC ITY ANDISONVILLE 1 SE ARTSVILLE DAM 33 MC KINNEYSBUNG MC KINNEYSBUNG MODERBAL STA TRACE COL	.08		.01		.01	. 04	.01																	. 20	.02 .06 .04 .02	.02 .08 .04 .22
MC KINNEYSBURG WILLERSBURG MOREBEAD STA TEACB COL OLIYE HILL 1 NW OWENSBORO DAM 46 PADUCAB CAA FADUCAB CSC NURSERY	.01	.01 .02 .01	.08 .08 .03	.08	. 03																	.01	. 01	.14	.04	.13 .10 .10 .06
BUMSEY LOCK Z SADIEVILLE WATER WORKS STEARNS TOMPKINSVILLE			. 01	. 10			.04															. 01	. 35	.01	. 06	.37 .16 .04 .11
UNIONTOWN DAM 49 // WOODBURY LOCK 4												-11	th-									.09	. 02	. 20	. 16	. 18
ADDISON DAM 4S BARBOURVILLE WATER WES BAXTER BARLAN WATER WES BEREA COLLEGE BOWLING GREEN WB AP CENTRAL CITY CONSTANTINE	.04	.01	.08	.01	.01	. 05	.01	.01				22												.04	. 08	. 12 . 08 . 23 . 06 . 04 . 03 . 08
COMBIN CAA DUNDEE BARRETTS FORD BR FLEWINGSBURG POST OFF BEIDELBERG LOCK 14 //	.05	.02	.05	*	02	. 01	٠	. 05	. 02	. 01																.07 .08 .03 .01 .07
BERNON  JENKINS  LEXINGTON WB AIRPORT  LIBERTY	.05 .06 .02	.06	.02 .04 .12 .07	. 08	02																					.08 .05 .21 .12 .06 .06 .02
RIMSEY LOCK 2	. 01	.01 .41 .02 .17	. 01	. 18	.01	. 12	15																			. 28
ST MARYS COLLEGE SMITHFIELD 4 S TATHAM SPRINGS TOMPKINSVILLE WOODBURY LOCK 4	.10	.06	.01									-12	th-													.17 .16 .10 .04 .24
ADDISON DAM 4S BAYTER HARLAN WATER WES JENKINS MIDDLESBORO RR STA MILLERSBURG MUNFORDYILLE	.01		. 03																	. (	)3	. 02	. 01 . 01 . 01	. 01	. 01	.01 .03 .08 .03
MUNFORDVILLE OLIVE HILL 1 NW LONDON 3 SW	-	-	.04	.05		-			04			-14	th-													.13
						. 01	.02		. 02	.02		-18	th-													.03
ADQUARMS 1 N BOWLING GREEN WB AP BOWLING GREEN WB AP CORBEIN CAN DAYBLIA MAYSVILLE DAW 33 MAYSVILLE DAW 33 MAYSVILLE DAW 33 MAYSVILLE DAW 33 MAYSVILLE DAW 33 MAYSVILLE DAW 35 M			٠		٠	*	* 01	. 01	. 02		.01	, 04				. 01	01 01	01		2		01	. 03	.01		.08 .03 .05 .01 .04 .01
MOREBEAD STA TEACH COL STEARNS	. 03		02															. 01								.05

Station			-					r endir		-			-					-			_				
	-	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
												-	-19t	h-											
DDISON DAM 45 RBOURVILLE WATER WKS AXTER HARLAN WATER WKS ENTON 1 SW EREA COLLEGE RRFOLLTON LOCK 1 ENTRAL CITY DUSTANTINE										. 04	. 03			.08	. 02									.01	
AXTER HARLAN WATER WKS						. 04	. 03	. 02		.03	. 01			. 01	.18		. 09	.01		.04	. 02			. 02	. 07
EREA COLLEGE												.01						. 01		. 02					
ENTRAL CITY			.01	.02		. 05		.01		.01	.01	.01	. 02	. 02											
DNSTANTINE DRBIN CAA DVINGTON W H AIRPORT	6					.03				:	*	*	*	*	. 01										
OVINGTON W H AIRPORT AVELLA	6	.01	. 18	. 03							.04	. 01	. 01		, 08										
AVELLA UNDEE HARRETTS FORD BR LEMINGSHURG POST OFF DRDS FERRY DAM 50 EST LOCK 3 ALEYS MILL AZARD								. 04	.01		. 04	. 01	. 01		. 03	.01									
ORDS FERRY DAM 50 EST LOCK 3			. 01	.02	.07	. 05	. 01		.02	.02		. 01	. 03	.01											
ALEYS MILL AZARD		.01	. 01			. 01							. 01	. 01											
EIDELBERG LOCK 14 ERNDON																		01	. 03			. 01		. 01	. 01
											.01	.01	. 02				. 03	. 02	. 13						.02
ENKINS ENTUCKY DAM			. 14	.04	.02		. 01	.01	. 06					01											
EXINGTON WE AIRPORT IBERTY ITTLE HICKMAN LOCK 8								.03	.06					01	.01				. 02						
ITTLE HICKMAN LOCK 8 OGLICK 1 S	11					.03													.02						. 02
OGLICK 1 S ONDON 3 SW OUISYILLE HOWMAN FLD OUISYILLE STAN W H AP OUISYILLE WB CITY ADISONVILLE 1 SE								. 04	.01		.02	.01	.07												
OUISVILLE STAN W H AP								.04			.02 .02 .01	.04	.01												
ADISONVILLE 1 SE		*	*	*	.01	*	. 18	.01	.03						. 03	. 01	. 01								
C KINNEVSHIRG					.01			.01	.03		. 05				. 05	.01	. 01						. 03	. 06	. 01
IDDLESHORO RR STA ILLERSHURG OREHEAD STA TEACH COL													. 03	. 01	. 01				. 03	0			. 03	. 06	. 01
OREHEAD STA TEACH COL										.01	. 04		. 01	. 04			. 01								
LIVE HILL 1 NW													. 07						. 01	. 01					
UNFORDVILLE LIVE HILL 1 NW WENSHORO DAM 46 ADUCAH CAA ADUCAH SCS NURSERY	6			* 0.4	* 05	.03	.01	*	. 12	. 03	*	*	*	*	. 07										
				.04	. 05	.03										. 01	. 04	.02						. 01	. 03
LUMSEY LOCK 2 ADIEVILLE WATER WORKS T MARYS COLLEGE ALYERSVILLE MITHFIELD 4 S		. 01	. 02				. 03	.01	.01	.02	. 05	. 01													
T MARYS COLLEGE	//			. 03					.02														. 03	:	
MITHFIELD 4 S	//							.07	.03			. 02	.02												
OMERSET HIWAY DEPT TEARNS ATHAM SPRINGS												.07								.04					
ATHAM SPRINGS	//			. 02	. 09	.05	. 02	.01	.01 .01	. 02				. 01	. 01										
INIONTOWN DAM 49 OOLF CREEK DAM			. 01	.01					. 05	. 03	. 01	.01													
TOODHURT LOCK 4			.01	.01									20	11.						1					
													-20	tn-								. 0:	2 . 0	2	
IARHOURVILLE WATER WKS		. 01																			. 02	2			
IENTON 1 SW		. 01	. 01			.02	. 04		. 01	. 02	. 01														
IARHOURVILLE WATER WKS IAXTER BARLAN WATER WKS IENTON 1 SW IEREA COLLEGE ENTRAL CITY COVINGTON W B AIRPORT	6	. 01	. 01												. 03						. 04	1			
DAVELLA FORDS FERRY DAM 50										.01	.06	.01												. 01	01
FORDS FERRY DAM 50 HEIDELBERG LOCK 14	//	. 01																					•		
HEIDELBERG LOCK 14 HERNDON JENKINS		. 08	.01	. 02	. 01											. 02	. 01	04	l						
LOGLICK 1 S		. 01													. 01	. 01						. 0	3		
AADISONVILLE 1 SE										. 03	. 01														
LOGLICK 1 S LOUISA LOCK 3 AADISONVILLE 1 SE AIDDLESHORO RR STA AOREHEAD STA TEACH COL		.01	. 01											01	.02	. 01									. 02
PADUCAH SCS NURSERY PIKEVILLE		. 05	3										. 01		.01							. 0			. 02
STEARNS																						. 0	*		
													-2	lst-											
FORDS FERRY DAM 50			. 01																		. 0	4 +			
PADUCAH CAA PADUCAH SCS NURSERY	6	. 02	2		. 01																				
RUMSEY LOCK 2 UNIONTOWN DAM 49	11					. 02	3																		. 0
OHLOW DOWN TO	,,												_2	_ 2d-	_										
	//					. 01	. 0																		
ADOLPHUS 1 N CORHIN CAA 6 KENTUCKY DAM	//						0			*		*		*	. 04	ŀ							1		
KENTUCKY DAM MAYSVILLE DAM 33	11				. 06	,						. 0	2												
MAYSVILLE DAM 33 MIDDLESHORO RR STA OLIVE HILL 1 NW												. 0	. 0	L . 0:											
PADUCAH CAA	6		. 03	3 *	*	*	. 0	1 .0:	. 01																
PADUCAH CAA ST MARYS COLLEGE UNIONTOWN DAM 49	11			. 0	1 .01	7	. 0	1																	
													-2	Зd-	-										
ADDISON DAM 45									. 40	. 03	. 05	5													
CONSTANTINE	6					. 0	5		. 05		. 01	0	2		. 02	2									
LEXINGTON WH AIRPORT															. 02	3									
ADDISON DAM 45 CONSTANTINE COVINCTON W H AIRPORT LEXINGTON WH AIRPORT LITTLE HICKMAN LOCK 8 LOUISVILLE HOWMAN FLD LOUISVILLE STAN W H AP LOUISVILLE STAN W H AP LOUISVILLE WHE CITY	//					. 0	2					. 0	3 .0	2											
LOUISVILLE STAN W H AP								.0	3 . 05	5 . 0:	2			1											
SMITFIELD 4 S TATHAM SPRINGS								. 0	3 .01	. 04	1	. 0	1 .0	1 .0	1										
TATHAM SPRINGS																									
													-24	4th-	_										
ADDISON DAM 45 BENTON 1 SW CENTRAL CITY	//										. 07											. (	. 0	3 .0	4 .0
																					5 .1	9 .1			1 .0

						A.N	4 Hou	r endi	ng									PN	4 Hou	ıı endi:	ıg					7
Station		1	2	3	4	8	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Tota
ON FERRY DAM 50 OU'K 3 MILL N		01	. 02	01	01															. 09	01		04	06	02 05	06 15 02 01 02 10
WILL NEY TAM NEY TAM NEY TON WHE AIRPORT HICKMAN LOCK 8 HILE BOWMAN FLO HILE STAN WE BE AN STAN TEACH COL ORO DAW 46 H SCS NUTSERY SPRINGS OWN DAM 49			.01						, 08	05	01 04 01 04	.01		. 01						.09	01					02 04 .05 03 .02 .05
H CAA H SCS NURSERY SPRINGS OWN DAM 49							. 11			, 06			25	ı.							. 01	.11	.10	05	.01	28 .06 .20
N OAM 45 US I N RVILLE WATER WKS			05 .01	.04	. 05	.18	01 . 05	.04	. 26	.02 .05 .05	.13	.07	.01 .01 .02			. 06	. 20	.14								. 13 86 . 53 52
N OAM 45 US I N RVILLE WATER WKS BARLAN WATER WKS I SW COLLEGE G GREEN WB AP LTON LOCK 1 L CITY N		02	.03	. 05	.14	15	. 01	.08	. 05	.15	.03	.07	.02	.05			.10	.10		. 07						.18
MTINE		.02	.02	. 05	.01	.03	. 01	. 04	. 04	.06	. 05	.07			. 20						. 42					.12 .18 .02
CAA 6 TON W B AIRPORT A BARRETTS FORO BR ON	6		.04	٠	. 01	. 16	.14	.03	.03	.12	.06	.02	. 01	.05	.14	.08	. 34	.05	. 01		. 44					. 66 . 27 1. 23
BARRETTS FORO BR ON GSBURG POST OFF FERRY DAM 50 IN WATER WORKS OCK 3 MILL			.01	. 01	.13	.14		. 21	.02	. 05	. 02	.02	.01	.10	. 04											. 26 . 01 1. 32 . 20 . 16
MILL BERG LOCK 14 N VILLE NAT PARK		. 01	. 03	.04	. 02	. 22	.16	. 09	. 01	.07 .05 .03	.04	. 01	* 08 . 03	.12	.05	•	٠	•	٠	٠	٠	. 47				. 66
KY DAM TON WE AIRPORT				.00	. 01	.12	18	.10	12	.04	. 06	. 02	.02	.02	. 04	. 01		.12	. 03	.04						1.04 .28 .01 .50 1.09
HICKMAN LOCK 8 K 1 S 3 SW LOCK 3			, 05	.05	. 03	.01	.07	.06	.07 .15	.15	. 03	.10	. 60	.07	. 12											1.22 .45 .36 .15
J SW LOCK 3 LLLE BOWMAN FLO ILLE STAN W B AP ILLE WB CITY NVILLE 1 SE		.01	.03	.03 .01 .04	. 05	.03 .03 .01 .09	.03	01 .01 .15	.01 .03 .05	04	.07 .07 .52	.13	. 07													. 20 . 18 1. 24
NVILLE 1 SE LLE DAN 33 NEYSBURG SHORO RR STA SBURG AO STA TEACB COL OVILLE HILL 1 NW DRO OAM 46									* .05	. 01	.01	.05 * .01 .03	.01	.05	.08	.05	*		. 35							.10 .13 .35 .20
NO STA TEACH COL OVILLE BILL 1 NW DRO OAM 46	6	.01	.01	. 05	. 20	05	. 20	.01	.02	. 01	.05	. 03	.02	.17	. 03											. 31 1. 21 . 30 . 11
H CAA B SCS NURSERY LLE LOCK 2 ILLE WATER WORKS		.04	. 01	. 01			.01	.01	. 06	. 01	. 06	.03	. 02	.01	. 01	. 01		. 25	. 05	.02						.02 .40 .14
LLE LOCK 2 ILLE WATER WORKS YS COLLEGE SVILLE IELO 4 S ET BIWAY OEPT					. 01	.05	. 08	.01	. 14	.01	.17 .06 .01	.18 .01 .14 .03	.02	.03	.01	.10	. 12	. 04								1. 20 . 64 . 25 . 53
SPRINGS NSVILLE DWN DAM 49 REEK DAM		.01	. 01	.03	. 01	.09	.02	.06	.04	.05	.16	. 22	.28	.02	. 51											. 83 . 88 . 02 . 56
RI LOCK 4			.15	.17	.11	.04	. 01	.01		. 01	. 31	. 01	28	th-									.07	. 21		
FERRY OAM 50 KY OAM H CAA H SCS NURSERY OWN OAM 49	6			.02	.02	*	*	*	. 03													.12	.02	. 27	.01	. 33
N DAW 45												-	29		. 01									.10	. 04	.14
US 1 N HARLAN WATER WES 1 SW COLLEGE LTON LOCK 1 L CITY N								.06	. 18	. 01				.01	.11	.01	. 02		.10	- 01	-	-	-	-	.01	.12
L CITY N NTINE CAA TON W B AIRPORT	6								. 01				. 01	.16		٠	.07	.01	. 01	.01	.01	. 05	. 52	.10	.01	. 70 . 29 . 24
TON W B AIRPORT A BARRETTS FORD HR ON GSBURG POST OFF FERRY DAM 50 IN WATER WORKS OCK 3	0								. 01				. 10	. 01	. 40		. 15	.05		.02	. 28	.02	.10	.11	, 04	.30 .36 .40 .22
FERRY DAM 50 IN WATER WORKS OCK 3 MILL		01					. 09			. 01	. 02					.12	. 07	03			.01	. 48	. 09	.01	.02	.06 .04 .27 .76
N VILLE NAT PARK S KY QAM									. 08					.03	. 29		*	٠	.01	.05	. 31	.18	.06	.02		. 62 . 32 . 17 . 37

						A. M	. Hou	endin	ıg									P. M	l. Hou	r endir	ıg					78
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
LEXINGTON WB AIRPORT LIBERTY LITTLE BICEMAN LOCK 8 LOGLICK 1 S LONDON 3 SW LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE BOWMAN PLD														.01	. 40 . 12 . 03 . 02	. 05	. 09	. 04	. 05	. 03	.04	. 01	. 02	.02	.01	.60 .13 .21 .29 .02 .30 .05
LOUISYILLE WB CITY LUCAS MADISONVILLE 1 SE MAYSVILLE DAM 33 MC KINNEYSBURG MILLERSBURG MOREBEAD STA TEACB COL MUNFORDVILLE										.08			.02	.02	.04	. 01	. 08	.01 .04 .05 .10 .01	.06	.01	. 06	. 01	.02		. 02	.04 .21 .12 .31 .19 .21
OLIVE HILL 1 NW OWENSBORD DAM 46 PADUCAB CAA 6 PADUCAB SCS NURSERY PIKEVILLE RIMSEY LOCK 2	3	٠	. 44							.01	.01	٠	*	*	. 06	*	.02	.06	, 21	.10	.02 .08 .02 .06	. 02	. 01	.03	. 01	. 20 . 15 . 2S . 2S . 08
SADIEVILLE WATER WORKS ST MARYS COLLEGE SALYERSVILLE SMITHFIELD 4 S SOMERSET HIWAY DEPT TATHAM SPRINGS TOMPKINSVILLE											. 01		.02	.03	.01	.09	. 01	. 17	. 01	٠	٠	٠		. 04	.01	. S7 .23 * .28 .12 .13
UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4			. 01	. 01	. 02	. 03	. 01	. 02					30	th-	.13								. 02	. 20	. 41	.10
ADDISON DAM 45 ADOLPHUS 1 N BARBOURVILLE WATER WKS BAXTER HARLAN WATER WKS		.02	.02	. 03	.08	.01	.01			. 24	.10	.02	. 01	.01	,01				. 01		. 01		. 01		. 03	. 14
BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1 CENTRAL CITY CONSTANTINE	/	.02 .02 .06 .02	.01	.01	. 03	.01	. 02	-	-	. 03	.08	_	.01	.01	-						. 01					.13 .04 .06 .13
CORBIN CAA 6 COVINGTON W B AIRPORT DAVELLA DUNDEE BARRETTS FORD BR EDMONTON	6	.07	.02	.02	:	:	* *	* *	.04	•		*	. 01		. 01	•					. 01					.02 .12 .14
FLEMINGSBURG POST OFF FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL HAZARD BEIDELBERG LOCK 14	/,	.02	.01	.03	.09	. 01	. 02		* .02		*	.01		.02	*				. 24							.12 .14 .20 .03 .05 .24 .05 .03 .15 .30 .02 .17 .11
HERNDON BODGENVILLE NAT PARK JENKINS KENTUCKY DAM LEXINGTON WB AIRPORT		. 02	.02	.01	.01	.02	. 02	.04	.04	.03	. 02	.01	,02	.07	. 01	. 05			, 11	04						.03 .15 .30 .02 .17
LIBERTY LITTLE HICKMAN LOCK 8 LOGLICK 1 S LONDON 3 SW LOUISA LOCK 3 LOUISVILLE BOWMAN FLD	,	.03	. 01				. 03	.09	.01	.02	. 01	.01	. 04		. 05		. 04								. 04	. 20
LOUISVILLE STAN W B AP LOUISVILLE WB CITY LUCAS MADISONVILLE 1 SE MAYSVILLE DAM 33 MC KINNEYSBURG //	<i>'</i> ,	.02	.09 .02 .01	.01			. 05	.01	. 01	. 02		. 06	.02	.03	.03					.01				. 08	3 .0€	. 01 . 01 . 22 . 04 . 10 . 31 . 25 . 11 . 20
MIDDLESBORO RR STA MILLERSBURG MOREBEAD STA TEACB COL MUNFORDVILLE OLIVE HILL I NW OWENSBORO DAM 46		.01	. 01	.02	. 01	.01	. 07	.02	. 01	. 03	.04	.01			. 01					, 00	, 01			, 00		.14 .13 .07
PADUCAB CAA PIKEVILLE RUMSEY LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE		*	. 03	.03					.02		.16				. 02	. 08			. 21							. 10 . 08 . 21 . 03 . 29 . 07 . 09
SMITHFIELD 4 S SOMERSET HIWAY DEPT STEARNS TATHAM SPRINGS	7	.01	.02	.01		.01	. 32		.01	.02	.01									. 01	. 0	.0.		4 . 2:	1 .15	.03
TOMPKINSVILLE WOLF CREEK DAM WOODBURY LOCK 4		. 02	. 01				. 02																	. 14	4 .02	.16

DA	TTV	TEM	DEB	ATUF	FC

KENTUCKY APRIL 1950

> 66.7 39.9

Table 5									D	A1.	LI	1.	E IV	LFL	5112	711	UI	ED													AP	R11.	1950
Station																Day	ol mo	nth															arage
		I	2	3	4	5	6	1	gc.	9	10		12			15		17		19		21	46	23	24	25		27		29	30		Av
ANCHORAGE	MAX	55 42	32	67 53	41	33	45 25	57 23	72 37	32	44	68 41	52 30	38 26	38 23	54 30	62 27	34	72 47	08 47	58 31	28	30	77 58	80	53	68 34	44	39	75 47	51		62.8 38.3
ASHLAND DAM 2	MAX	62 23	61 32	79 55	60	61 38	38	54 20	59 30	52 28	85	46	52 27	27	42 31	55 32	72 47	73 33	76 48	74 50	58 38	58 38	78 32	82 58	82 56	50	73 48	83 39	74 45	48	78 54		68.1
BEAVER DAM	MAX	57 43	56 36	70 53	68 41	45 33	29	60 25	72 34	68 38	78 55	73 41	54 30	40 29	18 23	56 28	88 28	68 37	75 48	84 48	58 34	66 28	81 48	83 83	84 85	78 53	73 38	85 44	76 43	75 53	89 58		65.8 40.8
BEREA COLLEGE	MAX	56 40	65 35	75 55	72 41	42 31	38 29	54 21	67 38	67 34	80 51	69 41	52 31	36 26	33 23	50 30	82 32	68 37	72 51	64 46	54 37	58 38	73 43	81 58	84 64	75 57	87 45	72 50	75 47	82 48			83.8
BOWLING GREEN WB AP	MAX	60 37	67 37	71 57	66 39	44 30	46 28	58 24	70 35	72 40	76 58	64 34	58 30	41 24	45 22	56 25	66 28	67 35	71 53	58 37	58 31	64 30	78 47	81 58	80 62	67 46	68 38	73 41	74 45	78 54	88 58		84.8 38.5
BURGIN DIX DAM	MAX MIN	59 43	63 34	73 54	68 43	44 33	43 28	55 22	70 33	66 34	80 48	78 43	55 35	46 25	38 26	53 33	68 28	70 32	73 50	68 48	58 33	62 33	74 37	82 57	85 64	83 55	68 38	75 40	72 42	83 48	68 82		88.0 40.1
CAMPBELLSVILLE	MAX	58 42	65 34	71 53	68 41	42 32	21	58 24	70 32	72 34	77 56	71 41	55 39	40 26	39 22	54 25	68 27	67 32	70 51	66 48	55 33	61 31	74 42	81 56	82 64	74 54	71 38	75 40	76 42	79 47	68 80		85.1 38.8
CORBIN CAA	MAX	51 38	68 30	80 58	76 . 41	44 32	41 26	56 18	70 28	73 38	79 53	69 39	57 38	37 28	37 24	51 29	67 24	71 27	73 50	67 45	55 33	60 31	68 31	82 56	84 61	68 47	71 43	78 40	77 44	85 47	71 80		65.5 38.7
COVINGTON W B AIRPORT	MAX MIN	49 38	55 32	63 53	66 40	40 31	39 26	52 27	55 33	42 25	75 39	67 40	44 29	31 24	35 25	52 33	62 30	65 40	70 50	59 44	48 36	56 32	72 38	77 59	78 60	67 46	64 36	61 42	65 36	72 45	58 51		58.0 38.0
DANVILLE	MAX	56 32	59 35	63 42	72 53	69 33	43 28	41 23	56 28	69 33	64 37	78 42	53 35	55 26	40 25	34 28	52 29	66 37	70 49	71 52	57 35	55 35	62 41	74 47	80 65	82 59	71 40	69 45	72 41	74 45	80 53		62.9 38.1
FARMERS	MAX MIN	57 41	61 29	76 53	76 50	54 32	43 28	55 17	65 26	63 27	81 38	79 41	53 36	43 25	36 . 24	51 29	65 22	70 26	72 43	70 46	55 32	59 28	75 28	80 57	82 49	82 50	68 37	72 34	75 38	84 45	68 57		65.7 36.3
FORDS FERRY DAM 50	MAX	57 44	61 41	71 52	70 41	44 35	44 31	59 30	71 42	72 47	77 55	74 43	50 38	41 30	48 28	52 34	70 34	66 45	75 50	72 47	59 42	66 37	80 49	82 65	82 68	78 53	71 41	69 48	71 43	68 50	64 57		65.5 44.0
FRANKFORT LOCK 4	MAX	58 23	56 34	61 37	70 55	70 35	46 27	43 23	55 24	70 32	57 33	78 43	52 35	52 28	38 27	40 29	55 27	65 28	69 32	72 48	59 33	57 31	61 32	74 35	82 62	84 58	69 37	68 36	72 38	68 42	79 49		62.7 35.8
GREENSBURG	MAX MIN	58 28	60 35	66 40	73 58	70 33	45 26	45 23	58 26	70 36	73 37	79 43	57 32	58 26	40 23	41 24	58 27	65 32	70 41	73 53	58 32	58 28	63 35	77 49	83 62	83 60	65 39	70 40	74 43	75 48	80 57		64.8 37.9
GREENVILLE 2 W	MAX	57 42	65 36	71 53	70 40	45 31	48 26	60 25	74 35	71 41	77 58	74 41	54 29	41 27	48 20	56 28	70 27	67 40	72 46	62 45	57 36	68 28	79 49	81 62	83 66	74 52	70 35	85 43	75 41	77 54	67 58		65.9 40.5
HEADQUARTERS	MAX MIN	60 49	69 42	68	43 31	39 31	38 28	52 23	64 34	54 28	77 38	64 46	50 31	38 27	40 25	52 29	63 30	67 38	70 49	65 41	54 33	57 30	71 32	77 50	79 58	64 35	66 39	69 44	68 40	79 41	66 56		60.8 37.3
BEIDELBERG LOCK 14	MAX	56 41	67 31	78 54	78 51	51	43	54 20	69 28	70 35	82	82 46	58 41	50 28	40 28	53 32	67 25	70 28	72 48	69 48	58 36	60 30	72 31	82 50	86 48	84 50	71 43	78 36	77 40	85 46	70 58		67.7 38.8
BENDERSON 4 SW	MAX	56 43	56 40	69 54	69	43 34	46 28	57	71 39	72 40	75 55	70 42	48	41 29	51 25	54 31	66 32	66 43	76 50	66 45	58 39	67 36	78 48	80 64	81 64	75 53	71 38	62 46	70 41	67 49	62 55		64.1 42.2
HINDMAN SETTLEMENT SCH	MAX	55 23	47 32	69 45	81 52	80 37	45 30	40 20	56 26	68	70 40	83 56	66 38	59 29	40 25	36 27	52 23	67 27	72 40	74 41	71 35	56 28	58 28	72 45	83 45	87 47	70 45	72 37	80 42	81 44	88 57		65.9 36.6
HOPKINSVILLE 2 E	MAX	58 38	69	70	65 38	45	47	59	68	73	77 58	75 41	55 31	43	47	56 28	66	67	71 45	65 47	59 37	67 28	75 46	81 63	83 61	75 52	70 36	67 42	71 43	78 57	72 59		65.8 41.0
IRVINGTON	MAX	55 42	57 35	68 53	67 42	44	46 25	57 26	73 37	63 35	76	72 41	52 33	39	46	56	65	70 36	72 51	65 46	58 33	63	77 46	79 61	81 62	72 53	69 37	71 47	70 40	74 50	62 57		64.0 40.3
LEITCHFIELD	MAX	57	66	69	68	46	46	57 27	72 37	70 36	78 54	71 40	55 33	40	44 23	55	65 35	69	73 50	66 45	60 35	64	78 47	81 58	82 64	75 51	70 38	69 46	72 41	80 50	70 59		65.6 40.8
LEXINGTON WB AIRPORT	MAX	56 35	60	71	68 40	43	40	54 24	67	57	78 46	67	53	34 24	35	51	64	67	71	57	55	59 31	73	79 56	81	66	66	70 46	68	78 47	66 57		61.8 38.9
LOUISVILLE STAN W B AP	MAX	56 40	60 36	70	70 41	42	42 28	58 28	73 37	56 34	77	63 42	52	38	39	54	68 31	70 37	74 55	62	58 38	63	78 43	80 63	83	72 48	71 39	67	68	76 51	65 56		63.5 41.1
LOUISVILLE WB CITY	MAX	52	59	69	69	41	41 28	54	69	55	76 46	59 43	48	35	39	54 35	65	66	70 57	63	53 39	62 36	76 47	79 63	83	73 52	68 44	64	68 43	72 51	65 55		61.6 42.5
LOVELACEVILLE	MAX	58 44	60 38	73 55	70 40	45 33	52 28	61 28	73 35	71 52	76 60	71 42	53	43	54 23	58 28	70 31	71 48	75	70 47	64	86	80	80	74	71 53	73	66	76 44	74 54	71 58		66.6 42.2
MADISONVILLE 1 SE	HAX	62	54 37	60	70	35	43 27	46	59	72 :	71	75 44	52 33	50	38	50 28	55 29	67	65 45	71 47	60 42	55	65	78 56	80 68	82 53	67	70 42	60 43	74 46	78		63.1
MAMMOTH CAVE PARK	MIN	38 58	65 34	45 72 56	70	35 44 32	45 26	26 58 20	72	73	78	77 41	56	44 28	43	54	67	68	73	68	62	84	78 47	82 60	82 65	79 53	70	72 40	74 43	81 51	75 61		66.8 39.8
MANCHESTER	MIN	42 54	68	79	41 77	60	42	60	73	73	83	75	60	59	47	23	69	70	72	72	57	61	71	84	88	80 56	74	79	82 43	87	73 59		70.0
MAYFIELD 2 S	MIN	56	63	71	70	46	48	58 26	70	72 49	75 56	72 38	56 33	49	51 24	57 27	68 33	66 45	72 45	69 43	61 38	66 33	78 48	80 60	80 62	76 50	72 38	70 45	75 40	72 53	65 56		66.1
MAYSVILLE DAM 33	MIN	52	38 56	53 57	36 70	29 71	25 45 30	39	38 52 21	55 30	53	80	57	50	33	36	51 27	65 26	68	72 35	59	53	57 31	73 30	80	80	68	66	70 37	69	82 47		60.6
WIDDLESBORO	MAX MAX	22	34 68 35	35 78 58	54 76 65	38 70 37	30 44 31	21 59 21	73 29	77	30 80	40 75	36 63	26 57	26 46	25 54	70	72	70	72	35 59	62	67	85	58 85 70	58 82 59	75 44	81	85 46	87 52	79		70.7
MOUNT STERLING	MIN	58	61	74	73	46	41	55	62	37 61	59 80	51 76 42	38 71 38	30 43 25	26 35 25	32 53	26 65	30 71 36	50 73	45 64	39 68	59	73	53 79	83	81	82	72	74	85	67		66.2 40.0
MURRAY	MIN	60	35 68	54 71	44 72	33 49	29 49	61	35 74	30 74	41 77	74	59	52	52	31 58	30 69	68	51 73 45	70	35 62	32 68	36 79 49	56 82	60 82	59 77 52	73 35	43 73	41 76 45	47 79 58	60 70 59		40.0 68.4 42.2
OWENSBORO	MIN	43	38 54 37	58 67 52	40 67	36 44	28 48 29	26 58 29	34 73 38	49 63 39	58 75	45 72	32 45 33	27 40	24	27 58	29 68	46 68	74	46	38 56	30	80	64 83	64 84	72	73	40	45 77 41	58 73 53	64		64.4
PADUCAH CAA	MAX MIN MAX	55 43 56	37 63	73	67 40 68	44 34 46	29	29 59		71	75 54 77	42		29	25 51	30 57 29	31 67 34	39 67	48 75 46	45 64	37 59	31 66	49 79	63 81	64 80	62 69	38 70	43 61	41 75 44	53 71 54	55 63		41.8 64.6 43.0
PADUCAH	MIN	42 55	42 60	55	35 72	32 46	29	31	72 41 58	52	56	56 39	52 33 55	41 30 52	51 25 42	51		50	67	45	39	37 54	79 52 67	66 81	64 84	46 83	69	46 72 44	44 62 44		54 74 57		43.0 64.4 42.3
PIKEVILLE	MIN	45	43	72 53	41	35	33	32	58 33	73 42 68	52	77 43	55 36	52 32 64	28	30	57 33 54	38 69	48	74	64 41 70	38	38	73	84 67 83	54 89	72		83	73 45 82	91		
FEADTEBLE	MAX	58 25	53 41	71 36	82 59	79 45	47 34	39 28	56 25	68 32	35	85 49	68 44	64 41	39 31	38 28	54 32	29	75 34	51	70 47	57 43	36	35	49	52	51	75 47	42	82 47	50		67.4 39.9

PRINCETON

MAX 58 60 70 69 47 50 60 72 75 77 68 55 44 53 60 69 65 73 67 59 69 82 82 84 75 74 65 75 80 65 MIN 43 35 55 40 30 23 21 31 50 59 43 29 27 19 24 25 38 40 45 36 24 49 65 65 52 32 38 43 55 60

DAILY	TEMPER	RATURES
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KENTUCKY APRIL 1950

Table 5-Continued

																Day	of mo	nth															age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
RICHMOND TEACHERS COL	MAX	55 37	57 35	65 53	73 53	71 32	43 27	39 20	53 33	62 32	68 40	79 42	53 35	54 24	37 23	35 28	52 29	64 34	69 48	71 53	59 36	54 31	63 40	75 55	80 60	82 59	66 39	67 40	72 41	79 47	81 47		62.6 39.1
RUSSELLVILLE	MAX	59 45	67 50	76 60	70 45	52 34	46 31	65 33	69 39	67 48	75 60	72 45	57 35	48 31	45 27	55 27	65 33	68 45	73 44	68 45	58 35	63 35	77 50	82 65	76 62	73 53	68 39	65 48	71 48	80 62	70 61		66.0 44.5
ST JOHN BETHLEHEM ACAD	MAX MIN	56 31	55 32	63 42	68 53	65 32	43 26	43 24	55 32	70 34	84 37	74 41	50 30	52 26	39 24	41 29	52 26	64 32	69 45	70 50	57 32	56 28	62 40	76 52	78 62	80 60	65 34	69 42	69 40	70 45	77 54		61.7 37.8
SCIENCE SILL	MAX	54 42	65 32	74 54	70 42	43 33	41 28	57 22	69 31	71 37	78 57	74 43	56 34	48 26	37 25	50 32	68 26	69 31	68 51	65 48	56 33	60 29	72 37	81 54	83 62	78 56	70 42	76 41	78 44	83 49	68 61		85.4 40.1
SCOTTSVILLE	MAX	61 43	67 38	73 57	72 41	45 31	48 27	62 23	72 37	76 56	78 59	73 42	60 46	49 28	49 28	57 27	71 28	71 36	75 52	61 48	59 34	66 29	77 46	84 58	83 62	77	73	74	76	81 52	73 59		68.1 41.8
SHELBYVILLE 2 W	MAX	57 42	55 32	66 51	66 43	46 33	43 26	55 23	71 33	63 32	77 44	7 41	54 33	42 26	37 23	54 32	65 27	68 34	72 48	65 46	57 32	62 29	76 36	79 57	82 59	79 54	69 35	68 44	69 39	79 47	64 58		63.7 38.6
WEST LIBERTY WATER WES	MAX	56 40	55 34	70 42	76 43	77 38	53 30	40 24	55 25	67 33	61 36	80 41	52 32	56 30	31 27	36 28	52 34	66 36	68 34	59 35	60 36	57 37	67 39	77 41	80 45	85 55	69 43	77 44	75 46	77 48	78 49		63.7 37.5
WILLIAMSBURG	MAX	54 43	67 32	79 61	76 46	57 35	43 29	57 21	72 29	78 36	81 54	78 45	60 38	57 29	43 24	54 31	67 26	73 30	77 49	69 47	58 37	63 28	69 35	85 54	86 66	78 58	72 44	80 42	80 45	86 49	76 51		69.2 40.5
WILLIAMSTOWN	MAX	55 26	54 34	64	66 42	43 33	43 26	52 25	61 39	51 28	78 39	69 45	51 33	41 24	35 25	51 31	63 33	71 40	72 50	66 52	57 36	54 31	74 37	78 57	80 61	76 50	66 37	71 47	64 38	77 46	67 53		61.7 38.5
WOLF CREEK DAM	MAX	59 33	56 33	72 42	76 63	72 37	46 30	46 24	60 31	72 34	77 44	80 47	60 33	61 32	40 24	43 26	55 28	70 33	72 50	73 56	64 37	58 28	64 39	74 49	86 61	85 59	71 42	75 41	78 44	79 51	85 64		67.0 40.5
																							1										

Table 6									ΕV	Al	20.	RA	TIC	NC	A	.N.	D '	ΜI	NL	)														
																	Day o	of mo	nth															
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	4V0
BURGIN DIX DAM	EVAP		.09	.05	.11	.15		.06		.17				.13	.06	*	* 15	.24	.11	.08	.15	.05	.10 54	.15	.19	.16	.06	.16	.14 18	.15	.11		В	3.4
WOLF CREEK DAM	EVAP	* 55	* 25	.33 59	.21 96	.14	.08	.09 17	.13 15	.16 13	.15	.37 119	.27 52	.27 62	.10 43	.07	.02	.16			.07	.12 35	.18 32	.19 54	. 25 78	.26 66			.17 18	.15 9	.13 44		1	4.

# SNOWFALL AND SNOW ON GROUND

Day of month

KKNTUK KI

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SHLAND DAM 29	SNOWFALL SN ON GND						T							O, 5 T	т																	
OWLING GREEN WB AP	SNOWFALL SN ON GND													т																		
ORBIN CAA	SNOWFALL SN ON GND					Т	Т							T	T																	
OVINGTON WB AIRPORT	SNOWFALL SN ON GND					T	т						Т	T	T T						т											
ANVILLE	SNOWFALL SN ON GND					Т								Т							Т											
ARMERS	SNOWFALL SN ON GND						T								T T																	
ORDS FERRY DAM 50	SNOW FALL SN ON GND						Т								0.1																	
RANKFORT LOCK 4	SNOWFALL SN ON GND													Т	Т																	
INDMAN SETTLEMENT SCH	SNOWFALL SN ON GND							т						Т																		
RVINGTON	SNOW FALL SN ON GND					Т																										
EXINGTON WB AIRPORT	SNOWFALL SN ON GND					Т	т						Т	0.3	T T																	
OUISVILLE STAN WB AP	SNOWFALL SN ON GND					т								T	Т																	
AMMOTH CAVE PARK	SNOWFALL SN ON GND					T T								T T							Т											
AYSVILLE DAM 33	SNOWFALL SN ON GND						Т							1.5	т																	
ADUCAH CAA	SNOW FALL SN ON GND					Т																										
COTTSVILLE	SNOWFALL SN ON GND				Т																											
ILLIAMSTOWN	SNOWFALL SN ON GND														Т																	

Station	Index No.	County	Drainage !	Latitude	Longitucie	Elevation	Tempo	n	Refer to tables		Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Obs vation tim	on	Refer to tables
ACOISON OAM 45 ACOLPHUS I N ALLEN ANCHORAGE ASECAMP	0043 0095	BRECKINGIDGE ALLEN FLOYD JEFFERSON PIKE	3 1 7	37 55 36 39 37 35 38 16 37 16	86 34 86 16 82 43 85 33 82 26	650 700	70	SA CORPS OF ENGINEERS 7A 108LL M CEARING 8A NANNIE AUXIER 7P C E EARRET 8A MARY S RATLIFF	3 4 3 4 3 2 8 5 3		LOGLICK 1 S LONDON 3 SW LOUISA LOCK 3 LOOISVILLE BOWMAN FLD LOUISVILLE STAN WB AP	4893 4943 4851	CLARE LAUREL LAWRENCE JEFFERSON JEFFERSON	1 7	37 51 37 06 38 07 38 13 38 11	84 02 84 08 82 37 85 40 85 44	1250 584 558 485		MIO MRS H BURGHER MID U S FOREST SERVICE TA BUSTER SEE MIO US ENGINEERS MID US WEATHER BUREAU	3 4 3 4 3 4 3 4 2 3 4 5
ASHLAND OAM 29 BARBOURVILLE WATER WES SARDSTOWN BAIYER HARLAN WATER WES SEAVER DAM	0381 0389 0450	BOYD KNOX MELSON RARLAN ONIO	8 2	38 27 36 52 37 48 36 51 37 25	82 36 83 53 85 28 83 20 86 52	637		TA CORPS OF ENGINEERS IO JOHN R WHARTON TA MRS POPE SISCO ID CYRUS S LAYSON EF G YOUNG	2 3 5 7 3 4 3 3 4 2 3 5 7		LOUISVILLE UPPER GAGE LOUISVILLE WB CITY LOVELACEVILLE LUCAS MADISONVILLE 1 SE	4956 4967 5002	JEFFERSON JEFFERSON EALLARD EARREN HOPKINS	6 3	38 17 38 15 36 58 36 53 37 19	85 48 85 46 88 50 86 02 87 29	479	8P	6A US ENGINEERS MIO US WEATHER BUREAU 6P ELAINE MALONE MID CECIL E BBITT 7A J W MC COY	3 2345 235 34 2345
SENHAW BENTON SEREA COLLEGE BEREA WATER WORKS SOSTON 2 SW	0611	HARLAN MARSHALL MADISON MADISON NELSON	9 4	37 34	82 57 88 21 84 18 84 16 85 42	380 1070 1100	6P 1	BA C C WBITEAKER ID WILLIAM NELSON 6P JAMES A GROSSMAN 7A MRS L B GAFFARD 8A MRS PAULENE COY	2 3 5 7 3 4 2 3 4 5 3 8		MAMNOTH CAVE PARK MANCHESTER MAYFIELD SUBSTA MAYFIELD 2 S MATSVILLE OAM 33	5110 5230 5232	SDMONSON CLAY GRAVES GRAVES MASON	6 6	37 11 37 09 36 44 36 42 38 38	83 46	364	7A 5P	5P NATIONAL PARK SERV 7A SARL HOWARD TVA 5P MRS JOE PAYNE 6A CORPS OF ENGINEERS	2 3 5 2 3 6 3 2 3 5 2 3 4 5
BOWLING GREEN SOWLING GREEN SUBSTA SOWLING GREEN WB AP SRENT DAM 36 SROWNSVILLE LOCK 6	0907 0908 0978	WARREN WARREN WARREN CAMPBELL EOMONSON	3 3 7	37 00 37 01 36 58 39 03 37 12	86 26 86 26 86 26 84 25 86 16	489	HIO N	TA JAMES H SDWARDS TVA ID US WEATHER SUREAU TA CORPS OF ENGINEERS TA CORPS OF ENGINEERS	3 3 2 3 4 5 7 3 3		MC MINNEYSBURG MIGOLESBORO MIGOLESBORO RR STA MIDWAY 2 S MILLERSBURG	5389 5394 5407	PENDLETON BELL BELL WOODFORD EOURBON	2	38 36 36 37 36 37 38 07 38 18		1130	5p	MIO AMANDA A AULICE MIO BUGE ALLEN MID FRANK M TALIAFERRO 5p JOHN B NDGENT 6A W T ALEXANDER	3 4 2 3 5 3 4 3 3 4
BURGIN DIX DAM EURNSIOE CADIZ LOCK E CAMPRELLSVILLE CARROLITON LOCK I	1127 1156 1206 1256	MERCER PULASEI TRIGG TAYLOR CARROLL	2 2 3	37 48 36 59 36 46 37 20 38 41	84 43 84 37 87 58 85 2I 85 1I	424 777		SA C W WILLIAMS TA SARAN S LEWIS TA CORPS OF ENGINEERS OF ALVA MC KINLEY TA CORPS OF ENGINEERS	2 3 5 6 3 3 2 3 5 3 4		MILLERSTOWN MONTICELLO MOREHEAD STA TRACE COL MOUNT STERLING MUNFORDVILLE	5524 5555 5640	GRAYGON WAYNE ROWAN MONTGOMERY HART	2 5 5 3	36 50 38 11 38 03 37 16	83 26 83 57 85 53	580 910 770 930 600	5p	7A MRS O M LAWLER 7A E O COOPER MIO E C HAGGAN 5P FREO CARTWILL 7A NUMBERT E HODGES	3 3 4 2 3 5 3 4
CENTRAL CITY WATER WKS CLINTON COLLEGE BILL LOCK 11 COLUMBIA CONSTANTINE	1631	MUSHLENBERG HICKMAN MADISON ADAIR BRECKINRIDGE	6 4 3	37 19 36 41 37 47 37 06 37 40	87 07 89 00 84 06 85 18 86 14	729	1	HILLIAM A CATES HOUSEN OF FRANKLIN TA CORPS OF ENGINEERS TA URS HAZEL B PICKETT HE MRS GLENNIE L SHARE			NURRAY OLIVE RILL 1 NW OLNEY ONEONTA DAM 35 OWENSEORO	6012 6020 6033	CALLOWAY CARTER HOPEINS CAMPUBLL DAVISSS	7 7 7	36 36 38 18 37 13 38 58 37 46	83 11	600 752 380 497 420	8P 6P	6P MURRAY WATER SYSTEM MIO LOTTA ORA SOOPER 8A ART D WILLIAMS 6A CORPS OF ENGINEERS 7A WIRGIL P CLARK	3 4 3 3 2 3 5
CORBIN CAA CORBIN WATER WORKS COVINGTON WE AIRPORT CYNTHIANA DANVILLE	1855	WHITLEY WHITLEY KENTON HARRISON DOYLE	7 5	36 58 36 57 39 04 38 23 37 39	84 08 84 06 84 40 84 18 84 46	1070 869 684	MID	TO CAA  7A CORBIN WATER WORKS 1D US WEATHER BUREAU 7A MARSHALL NILL 7A R P COLDIRON	2 3 4 5 7 2 3 4 5 7 3 2 3 5 7		OWENSEORO DAW 46 PADUCAB PADUCAB SCS NURSSRY PADUCAH CAA AP PAINTSVILLE	6115 6117 6110	OAVIBSS NC CRACKEN MC CRACKEN MC CRACKEN JOHNSON	7	37 47 37 06 37 04 37 04 37 49	87 08 88 37 88 35 88 46 82 48	410	6p 7P WID	7A CORPS OF ENGINEERS 6P WESTERN P LACKEY MIO SOIL CONSERV SERV MID U S CIVIL AERO ADM 7A JESSE FAIRCHILD	3 4 2 3 5 3 4 2 3 4 5
DAVELLA DELPHIA I E DEMA DUNDES BARRETTS FORD SE DUNWOR	213: 213: 3 235:	MARTIN PERRY KNOTT ONIO MUHLENBERG	1 3	37 48 37 02 37 25 37 33 37 05	82 32 83 07 82 48 86 43 87 00	850 430		IID BERTHA DE LONG SP RALPH R BEALL SA MATTIE B BARNEY 7A J L HUFF 7A N D GIVENS	3 4 3 3 3 4 3		PIKEVILLE PINEVILLE PLEASUREVILLE 2 S PRINCETON RAVENNA LOCK 12	6384 6435 8575	PIKE BELL SHELBY CALDWELL ESTILL	4 2	37 29 36 45 38 20 37 06 37 40	83 42 85 07 87 53 83 57	882 529 631	2A 5P	2A US WEATHER BUREAU 7A F PARTIN 6A E 8 MORGAN SP ALTON M HARVILL 7A CORPS OF ENGINEERS	2 3 4 5 3 2 3 5 3
DUNNVILLE EDDYVILLE LOCK P EDWONTON FALMOUTTR	244: 246: 251	CASEY 5 LYON 9 METCALPE 0 RARDIN 5 PENDLETON	3	37 13 37 03 37 00 37 42 38 40	84 58 88 05 85 37 85 52 84 20	420		BA LINNIS D TARTER TA CORPS OF ENGINEERS TA JOHN E MORAN TA ROBERT E SETTLE SA JESSIE OLDHAM	3 3 3 4 3 3		RICHMOND E STATE COL RUMSEY LOCK 2 RUSSELLVILLE RUSSELLVILLE SUBSTA SADIEVILLE WATER WORKS	7039 7049 7054	MADISON MC LEAN LOGAN LOGAN SCOTT	3 3	37 44 37 32 36 51 36 50 38 23	87 18 86 53 86 54	384 590 576		6A CORPS OF ENGINEERS 6P DR S S MC REYNOLDS TVA MID RICRARD E ZEYSING	2 3 5 3 4 2 3 5 3 4
FARRIERS FLEWINGSBURG FLEWINGSBURG POST OFFICE FORD LOCK TO FORDS FERRY DAW 50	290 \$290 295	ROWAN FLEMING FLEMING HADISON CRITTENDEN	5 5	38 25 37 53	83 33 83 43 83 44 84 15 88 06	870 750 593		TA MRS C C STAMPER TA BYRON F FLEMING HID MAURICE O CARPENTES GA CORPS OF ENGINEERS GA CORPS OF ENGINEERS	2 3 5 7 3 4 3 4 2 3 4 5 7	7	ST JOHN BETHLEHEN ACAI ST MARY SALVISA LOCK 6 SALVERSVILLE SCIENCE NILL	7096 7121 7129	RARDIN MARION MERCER MAGOFFIN PULASKI	8 4 5 2	37 42 37 35 37 56 37 45 37 11	85 21 84 49 83 04 84 39	900	6P	7A SISTER S M GSELL MID ST MARY COLLEGE 7A CORPS OF ENGINEERS MID J M MAY 6P WILLIAM H DOBSS	2 3 5 3 4 3 3 4 2 3 5
FRANKFORT LOCK 4 FRANKLIN WATER WORKS FRENCHBURG GEORGETOWN WATER WORKS GEST LOCK 3	303 305 319	B FRANKLIN 6 SIMPSON 2 MENIFEB 4 SCOTT 3 KENRY	3 5 4	38 13 36 43 37 57 38 12 38 25	84 52 86 34 83 39 84 33 84 53	930 880	6A	6A CORPS OF ENGINEERS 7A MERMAN D NEAL 5P FRENCHBURG SCHOOL 8A JOE W ATKINS 7A CORPS OF ENGINEERS	2 3 5 1 3 4 3 3 3 3 4	7	SCOTTSVILLE SEBREE WATER WORKS SHELBYVILLE 2 W SHEPHERDSVILLE SWITHFIELD 4 S	7234 7324 7334	ALLEN WEBSTER SHELBY BULLITT SKELBY	3 8 8 8	37 36 38 13 37 59 38 20	85 16 9 55 44 85 16	360 825 450 862	SP SP SP	5P SEBREE WATER WORKS 6P WILLA S A RATTA 7A CONTAD MARAMAN MID F W SIMPSON	2 3 5 3 2 3 5 2 3 5 3 4
GLASGON GODMAN AFBU FT ENOX GRANT DAM 38 GRAYSON GREENSBURG	328	1 BARREN 0 HARDIN 8 BOONE 1 CARTER 0 GREEN	7 7 7	37 00 37 54 38 59 38 19 37 16	85 58 84 49 82 57	506 589	7.6	7A EMILY M. BEAN 41D US AIR FORCE 6A CORPS OF ENGINEERS 8A SHIRLEY I STATEN 7A MRS MELL M LINGLE	3 3 4 3 3 2 3 5		SOMERSET RIWAY DEPT SPRINGFIELD STEARNS SUMMOR SHADE SUBSTA TATHAM SPRINGS	7604 7672 7805	PULASKI WASHINGTON MC CREARY HETCALFE WASHINGTON	8 2 3 8	37 07 37 41 36 42 36 53 37 52	85 14 84 29 85 40 85 09	738 1420		MID ROSCOE RIERCK 8A WM H COATLEY MIO C 8 CHITWOOD TVA MIO R C DEDMAN	3 4 3 4 3 4 3 4
GREENSEURG MINAY 61 BR GREENUP DAM 30 GREENVILLE 2 W HALLYS WILL HARTFORD 6 M	344 345 353	5 GREEN 3 GREENUP 1 MUHLENBERG 9 CHRISTIAN 2 ONIO	. 3	37 15 38 37 37 12 37 03 37 32	82 51 87 12 87 20	540 519 740	5P	7A CENNETH STOTTS 7A CORPS OF ENGINEERS 5P C R LOVELL MID CLEATUS E BRINKLEY 6P W R CARSON SR			TATLORSVILLE TOMPKINSVILLE TEL OFF TURKEY CREEK SCEOOL TYRONE LOCK 5	8060 8063 8144 8179	SPENCER HONROE HONROE TRIOG ANDERSON	3 3 9 4	38 42 36 42 36 45 38 02	85 41 88 05 84 51	899 899 350 524		7A MES KATHRYN B CARR MID JAMES T PHILPOTT 7A MRS ALICE B HALE TVA 7A CORPS OF ENGINEERS	3 4 3 3 3 3
HAZARD HEADQUARTERS HEIDELBIRG LOCK 14 HENDERSON 4 SW HERNDON	372 374 376	9 PERRY 2 NICROLAS I LEE 2 HENDERSON 8 CHRISTIAN	5 4 7	37 15 38 24 37 33 37 47 36 44	84 01 83 46 87 31	860 663 382	6P 5P 6P	MID N A HAILEY  6P MRS G L JENNINGS 8A CORPS OF ENGINEERS 6P FRANK STREET MID C W KEATTS	3 4 2 3 5 2 3 4 5 2 3 5 3 4	7	UNIONTOWN DAM 49 VALLEY VIEW LOCK 9 VANCEBURG DAM 32 WAYNESBURG 6 B WBST LIBERTY WATER WK	8248 8259 8486 8 8551		4 7 2 5		84 26 83 21 84 34 83 13	571 525 1215	7A	6A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS 7A FRANE BOECK 7A JOHN W TURNER	2 3 5
HICKSVILLE HIGB BRIDGE LOCK 7 HINDMAN SETTLEMENT SCH HODGENVILLE NAT PARK HOPKINSVILLE 2 E	383 389 392	GRAVES T JESSAMINE S KNOTT S LARUE CERISTIAN	4 4 3	36 48 37 49 37 20 37 32 36 52	84 43 82 59 85 44	1080	8A 7P	GA CORPS OF ENGINEERS SA ELIZABETE WATTS MID ERNEST L. WRIGHT SA W E MORRIS	2 3 5	7	WILLIAMSEURG WILLIAMSTOWN WILLOW LOCK IS WOLFE CREEK DAM WOODEURY LOCK 4	8714 8724 8807	WHITLEY GRANT LEE RUSSELL BUTLER	5 6 2	36 44 38 38 37 36 36 53 37 11	84 34 83 56 85 08	943 646 610	7A 6P 8A	7A CHARLES B WEST 7A MISS N B SIMPSON 7A CORPS OF ENGINEERS 8A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS	2 3 5 2 3 5 3 2 3 4 5 6 3 4
HYDEN IRVINGTON JACKSON JENKINS JENKINS WATER WORKS	416 419 423	D LESLIE S BRECKENRIDG G BREATBITT G LETCHER 11 LETCHER	E 3	37 10 37 53 37 33 37 10 37 10	83 2	646 688 1600	79	6P MRS FOREST CAMPBEL 7P FLOYD G ROBBINS 7A MR W M GILLESPIE MIO HIBBERT ELKINS 7A BILLEE L. WILLIAMS	2 3 5	7	NEW STATIONS HAZARD WATER WORKS	371	PERRY	4	37 15	83 1	E 840	1	7A BURCHELL MUNCY	3
JEREMIAH EZENE 2 M KENTUCKY DAM LANCASTER ICE PLANT LAURA	436 441 462	5 LETCHER 59 JESSAMINE 64 LIVINGSTON 60 GARRARD 12 MARTIN	9	37 58 37 01 37 37	82 56 84 38 88 16 84 3 82 26	950 5 362 5 1032		7A MRS SUSAN F ISON 7A MARION W MABIN 7A TVA 8A EENTUCKY UTIL CO 8A JAMES A FIELD	3 3 3 4 3 3											

The four digit identification numbers in the index number column of the Station index are assigned on a state hasis. There will be no duplication of numbers within a state

† DRAINAGE CODE: 1 Sig Sandy; 2 Cumberland; 3 Green; 4 Kentucky; 5 Licking; 6 Micelecippi; 7 Ohio; 8 Salt; 9 Tenness co

Figures and letters fallowing the station mass, such as 12 SSM, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December lemmes of this bullotin.

Monthly and seasons I enowfall for the preceding 12 months will be carried in the June lasue of this bulletin

Statisms appearing in the Index, but for which data are not lieted in the tables, are either missing or received too late to be included in this issue.

Unions otherwise indicated, dimensional units musd in this bulletin arm: Temperatures in '7, precipitation and susporation in inches, and wind movement in miles. Empoyation is measured in the student Settler invest type pan of 4 fout disserter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in smowfall averages in Yable 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

LEITCHFIBLD LEXINGTON WE AIRPORT LIBERTY LITTLE HICKMAN LOCK 8 LOCKPORT LOCE 2

Data in Tables 3, 5, 6 and emowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Sureau and CAA stations. For these etailons snow on ground values are at 7:30 p.m. E.S.T.

no in Table 7 is at observation time for all except Settler Eureau and CLA sixtions. For these elations make on ground values are at 7:30 p.m. E.S.T.

No record in Table 3, 4, 6, 7 and the Settle India. No record in Table 2 and S is indicated by no contry. Then bourly precipitation is missing or accountanted for everyal days, only in first and sixtle days are shown in Table 4.

Associated in Table 2 and Table 3 and Table 4.

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Assocraption Price: 1s costs per copy, methy, and associated 18.60 per pare, (Tearly subscription includes the Associatement,) Character poster partners of the National Summary.) Character partners are not presented to the National Security of th W.R.P.C., Chattanooga, Tenn. --- 6/27/50 --- 950 VAT. FIST. L.B.

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AUG 2 3 1950

WEATHER BUREAU F. W. REICHELDERFER, Chief

UNIVERSITY OF ILLINOIS

# CLIMATOLOGICAL DATA

KENTUCKY

**MAY 1950** Volume XLV No. 5



### KENTUCKY - MAY 1950

### O. K. Anderson, Section Director - Louisville

### Weather Summary

After two months of cool dry weather, both temperature and precipitation again exceeded the normal. Severe rainstorms accompanied by hail and lightning caused damage in several counties. Near the end of the month, flash floods added to this damage. In spite of frequent rains, farmers had caught up fairly well with their work.

Temperatures at the beginning of the month were rather cool but by the end of the first week had risen sharply. This was followed by two weeks of seasonal temperatures with little day to day variation. The balance of the month again saw temperatures above the average with the highest daily reading of the month generally in this period. The highest temperatures for the month were generally on the 25th or 26th in the western and central divisions and on the 5th or 6th in the eastern. The lowest readings occurred on the 13th in the central and west and on various different days in the east. Each section of the State had plus departures from the normal. The mean temperature for the State was 66.9° which is 1.5° above normal. The monthly mean temperature ranged from 69.6° at Murray to 64.2° at Covington WB Airport. The highest temperature recorded in the State was 95° at Ashland Dam 29 on the 5th and at Pikeville and West Liberty Water Works on the 6th. The lowest was 32° at Mammoth Cave Park on the 13th.

Precipitation as well as temperature was above normal. Rainfall was mostly in the form of showers and was often accompanied by severe thunderstorm activity. The distribution was very irregular over the State and all sections, except isolated stations in the extreme north, reported more than their normal for the month. There were very few days in which rainfall was not reported from any section. The average precipitation for the State was 6.34 inches, which is 2.34 inches above normal. The total amounts recorded at the various stations ranged from 10.09 inches at Shelbyville 2 W to 2.60 inches at Grant Dam 38. The heaviest rainfall reported in any one day was 4.49 inches at Anchorage on the 10th.

Although rains were frequent, farmers have managed to catch up fairly well with their work during the month. Most farmers concentrated on transplanting of tobacco and the planting of late corn. Major tasks, especially at the end of the period, were cultivating early planted corn, and cutting alfalfa and clover hay crops. Small grains showed quite a bit of improvement from the previous month. Wheat was well headed with grain in the dough stage. Warmer weather with adequate moisture helped to improve the hay and pasturage condition with both well above average for this time of the year. Strawberry picking was active in the southern and western commercial areas at the end of the month and some local labor shortages were developing. During the month local heavy rains, especially in the north central counties, did material damage to young plants and led to considerable soil erosion in plowed fields.

Storms during the month were recorded at La Grange, Louisville and Jefferson County, Mt. Washington, Pike County, Owensboro and Olive Hill. Total damage was over two million dollars, with the greatest damage at Olive Hill. There were also two fatalities attributed to the storms at Owensboro. The thunderstorms caused flooding on May 30th in tributaries of Tygarts Creek at and below Olive Hill.

W. S.

### ACKNOWLEDGMENTS

An addition to the climatological data from some 8,000 Neather Sureau and cooperative weather statione, this hulletin for some one shadow records from Sydroclima for the contains records from Sydroclima for the contains records from Sydroclima for the Sydroclima for the Sydroclimatic Sydroclimat

Previous to the introduction of this bulletin series, data from Rydroclimatic Network mintions were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas enhancing the entire United States, but since the Network was established to seet the internal requirements of the Federal agencies referred to the section in the properties of the section of the

Many other records published in this hulletin have been made available through the coopstation of various public offices, private agencies, and individuals as listed in the Station Index.

### SUPPLEMENTAL DATA

KENTULE

	Wind	direction		Wind	speed p h		Relat		idity ave	rages		Numb	er of d	ys with	precip	itation			per c	
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of iastest mile	Date of fastest mile	12:30 a CST	6;30 a CST	12:30 p	6:30 p	Trace	60 -10	10-49	50-99	00-1 %	200 and over	1	Percent possible sunsbine	Average sky cover runnse to st	Degree day
XINGTON WB AP	NE	13	8.7	-	-	-	85	86	85	71	2	5	7	3	0	0	17		7 3	74
UISVILLE WB AP	NE	13	6,4	30	SW	30	84	8.5	57	63	3	4	6	3	2	1	19	57	7.5	59

### COMPARATIVE DATA

ne r						-														
	T	emperatu	10	P	recipitati	on		T	mperatu	18	Pr	ecipitatio	n		***	emperatu	16	P	recapitatio	on
Year	Äverage	Highest	Lowest	Āverage	Average	No. of days .01 or more	Year	Äverage	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more
889 990 991 992 993 894 895 996 997 998 800 801 802 803 804 805 807 906 907 908 909 909 909 909 909 909 909	63.6 63.9 62.6 64.6 63.2 64.5 63.2 61.4 67.6 68.8 66.3 63.7 70.0 68.0 69.5 61.3 66.7	94 93 90 90 96 99 99 106 93 94 96 97 98 98 98 95 99 98	28 32 29 36 37 32 29 42 32 31 42 29 34 35 29 33 38 31 30 28	4.03 4.22 1.78 5.49 5.59 5.59 3.54 3.16 5.34 3.27 4.79 2.65 3.55 3.09 3.09 3.09 3.09 4.64 4.64		8 11 10 10 10 10 10 11 1 10 11 11 12 12 12 12 12 12	1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1923 1926 1926 1929 1930 1931	66.7 66.1 66.5 65.2 67.2 58.9 69.4 63.9 63.9 63.9 63.9 63.9 63.9 65.2 66.2 65.7 65.7	97 99 103 95 98 92 97 95 94 97 92 98 101 93 94 94 97 97	37 29 32 35 33 30 28 35 32 32 32 32 32 32 31 28 31 28 31 32 33 34 28 31 31 31 31 31 31 31 31 31 31 31 31 31	4.53 2.92 2.16 6.62 4.02 4.02 4.02 5.05 4.08 2.45 3.87 3.98 5.04 2.61 2.35 7.44 3.55 7.35 7.35 8.25 9.25 9.25 9.25 9.25 9.25 9.25 9.25 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 8 5 15 9 10 8 14 11 8 10 13 14 8 7	1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949	63.5 68.3 65.2 65.7 66.3 61.8 67.7 65.4 87.3 70.8 61.6 63.6 62.3 64.1 66.3 66.9	91 96 99 93 94 101 95 92 95 93 87 92 54 95	36 35 36 32 30 26 10 32 33 33 33 33 35 35 36 32 30 32 32 30 32 30 32 30 32 30 32 30 32 32 32 32 32 32 32 32 32 32 32 32 32	7.40 1.50 4.01 5.73 1.37 3.50 1.20 3.62 4.69 5.50 5.63 3.32 2.78 6.34	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 5 10 14 7 11 5 11 13 9 13 16 12 9 9

### CLIMATOLOGICAL DATA

#### KENTUCKY WAY 1950

Table 2																	MAY	1950
				Temperat	ure							1	Precipitation	on				
		-					No. of	Days		7			Snow	, Sleet, Ha	ál	No	of Day	
Station	Average	Departure from Normal	Highest	Date	Lowest	Date	Max. 90° or above	Min, 32° or below	Total	Departure from Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1,00 or more
WESTERN DIVISION																		
BEAVER DAM FORDS FERRY DAM 50 GREENVILLE 2 W HENDERSON 4 SW HOPKINSVILLE 2 E	67.6 68.5 66.7 67.5 67.7	1.4 1.6 0.2 0.7	92 89 87 90 89	25 24 24+ 26 25	45 48 43 45 44	13 1+ 13 13 13	2 0 0 1	0 0 0 0	6.50 4.37 5.22 5.56 6.30	2.39 1.38 1.61 2.23	1.29 1.04 1.02 1.84 1.24	27 10 7 10 12	0.0 0.0 0.0 T			12 14 14 14 14 12	8 5 7 8	2 2 1 1 2
LOVELACEVILLE MADISONVILLE 1 SE MAYFIELD 2 S MURRAY OWENSBORO	68.8 65.6M 67.7 69.6 68.2	1.6 0.6 2.3 2.6	88 89 91 91	24+ 26 26 26	46 40 42 44 45	13 13 13 13 13	0 0 3 1	0 0 0 0	6.91 5.83 5.85 3.91	3.16 1.71 1.69 .03	1.22 1.45 1.15 1.00	10 7 7 22	0.0 0.0 0.0 0.0			11 10 11	7 7 5	2 4 1
PADUCAH CAA PADUCAH PRINCETON RUSSELLVILLE	68.4 68.6 68.0 69.5	0.6 1.2 3.7	89 90 89 92	24 25+ 26 25	47 49 40 46	13 2 13 13	0 3 0 4	0 0 0	5.79 6.26 6.31 5.93	2.36 2.17 1.98	1.19 1.40 1.30 1.44	10 11 2 7	0.0 0.0 0.0 0.0			12 12 12 10	9 9 8 9	3 1 2 1
DIVISION	68.0								5.75				т					
CENTRAL DIVISION																100		2
ANCRORAGE BOWLING GREEN WB AP BURGIN DIX DAM CAMPBELLSVILLE COVINGTON WB AIRPORT	65.3 67.9 67.4 66.9 64.2	1.4 0.1 1.7	90 89 90 88 87	25 24+ 25 25+ 25	42 45 45 46 40	13 13 13 13 8	1 0 1 0 0	0 0 0 0 0	9.84 6.98 7.26 4.74 3.12	6.10 2.82 3.52	4.49 1.85 2.10 1.03 1.02	10 27 28 12 10	0.0 0.0 0.0 0.0			17 14 14 15 16	6 7 9 7 4	3 1 1 1
DANVILLE FRANKFORT LOCK 4 GREENSBURG IRVINGTON LEITCHFIELD	65.4 65.3 66.3 66.8 66.6	1.0 0.2 1.3 1.0	88 90 88 88 89	26+ 27 26+ 24+ 25	46 45 49 44 43	8 8+ 13 13 13	0 1 0 0	0 0 0 0	5.77 7.28 8.73 8.07 6.57	1.60 3.53 4.50 4.33 2.45	1.55 1.15 2.00 1.72 1.20	29 10 28 10 6	0.0 0.0 0.0 T			16 17 15 16 15	9 10 10 9 10	1 1 2 3 1
LEXINGTON WB AIRPORT LOUISVILLE STAN W B AP LOUISVILLE WB CITY MAMMOTH CAYE PARK ST JOHN BETHLEHEM ACAD	65.3 67.0 67.7 64.5 64.6	1.0 1.9 1.1 - 0.1 0.2	87 92 88 88 88	25 26 25 25+ 25+	39 42 45 32 43	13 13 13 13 13	0 3 0 0 0	0 0 0 1	5.06 9.04 7.86 9.13 6.61	1.25 5.32 4.14 5.60 2.52	.97 2.23 1.85 1.84 1.23	2 9 9 18 29	0.0 T T T 0.0			15 16 14 12 13	9 8 10 10	3 2 4 1
SCIENCE RILL SCOTTSVILLE SHELBYVILLE 2 W SHEPHERDSVILLE WILLIAMSTGWN WOLF CREEK DAM	67.0 68.7 65.8 67.8 64.6 69.2	3.0 1.4 0.3	88 92 89 94 87 90	5 25 25+ 25+ 26 25+	49 51 43 46 40 50	19 17+ 8+ 13 8 19	0 2 0 4 0 2	0 0 0 0 0	6.94 6.04 10.09 6.66 6.28 7.62	2.74 6.10 2.56	1.20 1.59 3.95 1.60 1.92 1.82	30 6 10 10 3 12	0.0 0.0 T 0.0 0.0			17 11 17 12 13 16	11 6 7 8 7 7	2 3 3 1 2 3
DIVISION	66.4								7.13				т					
EASTERN DIVISION																		
ASHLAND DAM 29 BENDAM BEREA COLLEGE CORBIN CAA FARWERS	67.3 67.0 66.4M 66.2 65.1M	1.2	95 90 88 89 90	5 5 5 4+ 5	42 42 45 45 40	8 19+ 13 19 8	2 1 0 0 1	0 0 0 0	5.14 7.97 3.60 8.69 3.84	1.14 39 27	.99 1.16 .88 1.21 .53	16 30 12 7 3	T 0.0 0.0 T 0.0			19 17 14 19 22	9 9 6 13 5	0 2 0 3 0
HEIDELBERG LOCK 14 RINDMAN SETTLEMENT MANCHESTER MAYSVILLE DAM 33 MIDDLESBORO	66.4 66.3 68.2M 63.3 68.8	1.9 - 1.1 4.5	92 93 91 90 90	5 6 4+ 6 5+	44 42 42 45	20 20 13 19	1 2 4 1 3	0 0 0 0	4.10 6.43 5.04 5.12 7.91	.04 1.34 3.86	.88 1,27 .78 .73 3,15	31 15 1 25 12	0.0 0.0 0.0 0.0 0.0			18 16 14 20 11	5 8 9 6 8	0 2 0 0 2
MOUNT STERLING PIKEVILLE RICEMOND TEACHERS COL WEST LIBERTY WATER WES WILLIAMSBURG	64.6M 68.4 64.8 66.8 67.6M	0.3 1.3 - 0.9 1.7	90 95 88 95 91	25 6 6 6 4+	40 47 44 44 42	31 21 8 8 22	1 3 0 2 2	0 0 0 0	5.85 6.40 4.54 4.46 8.51	1.72 2.62 .85 4.28	.73 1.10 .94 .90 .97	29 2 31 24 12	0.0 0.0 0.0 0.0 0.0			18 14 17 16 16	10 10 7 9 11	0 1 0 0 0
DIVISION	66.5								5,84				т					
STATE	66.9	1.5							6.34	2,34	1		Т					

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### DAILY PRECIPITATION

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Da <sup>a</sup>	y of	month		19	20	21	22	23	24	25	26	27	28	29	30	31	Tota.				
DAM 45- IS 1 N	-4	T 05 39 1	30 .05 20 .45 .05	.61 15 .21 05 35	. 05	.08		T 1.56	03		1 42 04 4.49	. 08	.95 .15 .36	.08	1.03		.0	Of	12				2.62 02 14 39	.02	90		.45 54 .02		1.87		.02 72 1.94 1.0J	45				ı	
DAM 29 VILLE WATER WK	8	13 20 .20°	T .47 .03 .12 .90	.31 .93 .54		. 03	.10	.02 1.29 .37 1.50		. 04	.05	.38 .44 .51 .50 .29	.98 1.49 .50 1.02 .92	.2I .05 .43		.72	. 9		1.26			. 17	,13 ,53 33 53 ,32	.45 .04 .15	30		.06	15 26 1.29	.51	26	-41	30				ı	
AFER WORKS 2 SW	8 2	.11 .06	. 12 . 27 . 05 . 03	.30	. 04	.24	.06 .05 .23 .08	1.12 1.12 .93 29 11	.84		.14 T		.03 .97 .88 .20	.70	. 15	.13	.0	. 45	1.11			, 04	. 16	.93 .04 .04 .09	. 06	78		.64	17 .06 .23	04		84	3.90 4.19 5.15				
GREEN GREEN SUBSTA GREEN WB AP AM 36 ILLE LOCK 9 DIX 9AW	z	.02 T	.03 .03 .36 .05	38 .45 T .07 .49		. 06	.72 .50 1.18 .20 .90	1.09 .64 .93 .75	. 27		.17 .69	.46 .36 .01 .16	.28 .20 1.05 .08 .92	.65	.13	.02 T	т		.04	Т		. 27	.79 .95 .12 .11 .31		1.00	. 19		1.95	.34	.11 T .14 .05	.32	91 74 .01 36	6.93 9.79 8.99 4.17 5.58			ı	
E DCK E LSVILLE FON LOCK 1	2	.60 .04 T	.10 .13 .02 .54 .07	.75 .36 .92		.10	.22	.90 I.25 .36	.93		.29 .03 1,15		.10		.11		.5	. 20	. 22		. 28	T .09	.60 .22 .11 .35			. 15		32	.25	. 20 . 22 . 07 . 05	.92	.05				ı	
BILL LOCK 11 LW COLLEGE INE	R R	.03 .22 1 .50 .04	.69 .16 .32 .14 .49	.37 .13	-	.85	.10	1.15 2.02 1.02 .13	. 26		.35 .30 .02	.50	.63 .37 .15 .19 .62	.27 .90	.02			1.16	.17	93		.37	. 13	.03	.06	.10	.18	.57	.73	.05 .29 .48 .10 .15	.19 .44 .20 .95	1.70 T	7.22 5.33 9.99				
ON W B AIRPORT NA E	R	.08 T .03	.27 .11 .17 .34 .26	.66 .44	. 16	. 67		1.21 T.47			.19 1.02 .82 .01 1.19 .23 .60 .62		1.07 .07 .52 .43 .43	.11 .50 .05	.51				. 09			. 09	.31 .29 .22 .22 .19 .12	.02 T T .06 2.24	. 24 . 11 . 17 . 27 . 96		. 23	.72			1.07 .24 .90 .29 1.40	.07	7.96				
BARRETTS FRD B LE LE LOCK F N TNTOWN	R R	1 T	.10 .03 .22 .05 .50 .16	.01 .49 .62 .94 .94 .90		60	.60 .58 .26 .10 .20	1.38	.08		.95	.18	.90 .23 .75 .20 .52 .37 .27	.15 .30 .98 .05 .93 .43 .02 .24		. 10			. 53		. 07		.75 1.48 .05 .37 .35 .60				.25	, 20	1.42		42	5.5	5 8.47 9.91 5.96 9.91 5.74 6.99 4.14 4.91				
SOURG SBURG POST OFF CK 1 ERRY OAM 5 RT LOCK 4	R	.05 .01 .04 40 .01	.16 1	.03 .13 .53 .52 .01 .57 .25	T . 24	.60 .26 .47 .14 .01	.05 .05 .02 .37 .43			.06 T	1.06 .07 .19 .39 .19 1.04	.15 .17 .19 .19 .29 .09		.02	. 11	. 22		4	.05			. 07	. 19 . 03	T	1.06		.02	.02	.26 .04	.12 .31 .02 .01	27	.33	4.14 4.91 6.43 3.94 3.53				
N WATER WORKS URG OWN WATER WORK		.03 T	. 13	. 41	1.56	.59 .19 .21	. 73	.90 .19 1.08	.30	, 64	1.04 1.15 .15 1.20 1.72	m	5.0					9 . 03			.09	. 70	.06 .99 T	.02			, 26	T . 18	.16 .76 2.60	. 05	. 20	.70	6.68				
CK 3  AM 38  URG URG BIWAY 61 B  OAM 3	1	.10	.05	.10 .41 .55 .59	.01	.04	.34				.80	.25 .15 .22	.13 .19 .30 .21			.02 .51 .20 .16			.90				.39 .10 .12 .27 .40 .47 .07	.19 .27 .12 .13 .62				.19	. 42 T .69 2.00 2.81	. 25	.20	.25					
LLE 2 W WILL D 6 N	R Z R	.05	.02 .65 .61 .69 .32	.65 .05 .02	.02	.15		1.02 1.08 .90		.07	.03 .42 .24 .84	.08 .33 .50 .24 .96	.71 .99 .99 1.13 .25	1.02		2 .09		T .81	.10	T		.05	. 45			. 15	.08	T .15	1.30 .09 .16 1.00 .33	. 23 * T . 17 . 04 . 03 . 83			5.22 5.55 7.53				
RTERS ERG LOCK 14 WN 4 SW		T .03 .13	.32 .61 .33	.38 T	1,53	.55	.52 .02 .04	.16 .06	.01		1.84	.42 .10 .28 .28	.27 .05 .92 1.11 .71	.68			.0		. 03		. 26	. 12	- .21 .18 .04	.35	Ť	.08		60	.40	.22	.14	.88	5.56 5.10 5.44				
TIDGE LOCK 7 SETTLEMENT SC TILLE NAT PARE VILLE 2 E	R	.12	.08 .20 .40	.90 .40		, 36	.91	. 23	,11		.28 .28 1.19		1.24		. 76	. 79		. 52	. 29				.74			.01	.04	.31	.88	T	.39		6.51				
ON  WATER WORKS  H  N  Y 9AM  ER ICE PLANT	z	. 25 . 33 . 76 . 13	.31 .16	.50 .44 .85		. 01		. 16	.14		1,72 ,25 T	.35	.75	1.46		.50 1.50 .34	1.1	. 32 5 5 3 . 09	. 14		.32	. 05	1.69 T .62 .03	. 20 . 12	.07			.30	1.28	.05 .75 .31 .10	.20	.03	5.62				
TELD ON WB AIRPORT	Z Z Z	T . 20 . 08 . 02 . 05 . 09	. 25 . 20 . 26 . 04 . 97	.65 .40 .30 .50	. 05		1.20	. 55	. 11		.37	.78	.63 .58 .32 .45 .46	.40 .39 .77 .45	T	1.03		, 30	60			.75	.24	.02	.05	.12		.15 T	.85	.34 .37 .06	.41 .58	.75 .62 .74	6.09 3.87 6.17 6.57 5.06 6.34 6.50 7.91				
	R R Z R	.15 .29 .20 .03 1	. 13 . 37 . 12 . 32 . 22	.32	.36	.70 .05 .10	.13	1.04		2.74	1.45 .16 .23 .05 1.50 1.74 2.42	. 29 . 05 . 40 . 50 . 49 . 80 . 15	.18 .25 .42 .64 1.32	. 14	.65			.31	3			.01	.24 .31 .40 .10 .98	.13 .05 .04 .04	.04	.20 .06	.76	.25 .96	.05	.35 1.88 .45 .18 .05	.90 1.31 1.03	68 .04 46	7.91 3.97 8.52 4.83 8.12 9.04				
EVILLE WE CITY	R R	.20 .03 1 .07 1 T .09	.26 .19 .90 .38 .40 .05	, 59		T . 20	T 10	.67 .96 1.35 .74	. 05	1.85	1.74 2.42 1.65 1.22	.80 .15 T	.20 .31 .35 .65 .32 .44 .97 1.15 1.10	.07 .28	.05			. 20	.18	.28		.49	.45 .01 .60 T				.11	.26 .26		.36 .27 1.41 T	,98	T	7.86 6.81 5.55				
WILLE 1 SE B CAVE PARK STER D SOBSTA D 2 S LE OAM 33 EFYSBURG	Z /R	.78 .05 .23 1 T .10 .46		. 14	42	. 03		1.32 1.45 .21	22		.05		1.10 .40 1.10 .97 .20 .25 3.15		. 20	.53	.0		.04	.59	.50	T .31	.62	.33		.73		.90 .22 .28 .17 .83	.50		.46	.45	9.13 5.04 5.68				
SBORO RR STA	R R	. 10	.16 .40 .99	. 12 . 03 . 65 . 02 . 46	. 58		. 19	1.34	Т	.13	.39	.89 .25 .15	1.00 .45 .40 .57	.31	.51	7 .04	. 0	.46	. 15			.55		.04	.25		.05		.32 .50 .55	.02 .17 .23 .17	.58 .15 .20	.14	6.18 5.52 5.05 6.02				
STA TEACH CO STERLING SVILLE	R Z Z		. 14	. 33	. 14	.02	1.31 .43 1.00	.52 .99 1.15	.32	. 08	.15	. 11	.16		. 29	.50		.08	. 25			т	.19 .42 .14 .55	.10 .03 .10 .03	.47		.15 .31	.02	.05	.06	.10 .46 .17 .45	1.28	3.54 5.95 5.50 5.85 7.19				
	)		.42	.03	,01						, , , 00			snoe no	tes foll	lowing:		n Index.					.50	. 02	.52			.12	. 14	.13	2,20	, 46	1,129				
															- 73	-																					
						9	L							ď	1						B											3			1		

TO A	TT 37	PRECI	DITT X	TICAL
DA	II.Y	PRECI	PILA	LICIN

Table 3—Continued			1.5 1.15																TUCKY 1850													
Station															Day	of m	onth															otal
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	I5	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	F <sub>O</sub>
OLNEY ONEONTA OAM 35 OWENSBORO OWENSBORO OAM 46 Z PADUCAB CAA	. 35	.07	.08			.51 .16 .15	. 03	.07	.78	. 45 . 82 . 81	.03	.08 .82	.04		. 03		.13		.30	.14		1.00	.36	.88		Т	1.18	.15	.04	.53 .37 .05 .09 .32	.09 .30 .32	6.07 5.12 3.91 4.40 5.79
PAOUCAB PAOUCAB SCS NURSERY R PAINTSVILLE PIKEVILLE Z PINEVILLE Z	.32 .16 .04	1.10	. 41		.42	.13	.98		, 69	1,20	.35 .02 .42	.41 .49 .73	.43		. 54	.47	т	т					T	.53	.05		.21 .26 .11	.45	.46	.05	.43 .71 .53	6.26 5.20 5.95 6.40 6.23
PLEASUREVILLE 2 S PRINCE TON RAVENNA LOCK 12 RICHOND TEACHESS COL RUWSEY LOCK 2 Z	. 20 . 21 . 25 . 03	1.30 .01 .53	. 28				. 24		τ	Т	.38 T	.61 .33	.42		. 14		. 01	.22	. 05	. 04	.42	.44	.06				.01	.04 T	.49	.47	.42 .08 .94 .47	3.45 6.31 2.92 4.54 6.53
RUSSELLVILLE RUBSTA SAGIEVILLE WATER WORK R ST JOBN BETHLEBEM ACA ST MARY		. 26 . 23 . 79	. 40	.32			1.42	.02		.11	.17	1.35	.44				.25	.85		т	.11	.23 .19 .37	T .26 .20				.03	.76 .02	.18	.46	.25 .22 .04 .83	5.96 5.96 3.68 6.61 4.26
SALVISA LOCK 6 SALVERSVILLE //R SCIENCE BILL SCOTTSVILLE SEBREE WATER WORKS	. 03 T . 21	.19			. 02	. 17	.38 .45 1.16 .80			. 19 . 13 . 15 . 71	.53	1.01	.80	1.04 .43 .07			. 88	.18	.35 T			.59 .31 .46 .06	.10 .34 .11	.30		.12	.25	.03	.49	1.11 1.20 .91	.58 .37 .16	5.42 6.65 6.94 6.04 5.80
SHELBYVILLE 2 W SHEPHERDSVILLE SOMERSET BIWAY OEPT R SPRINGFIELD STEARNS R	.04 .20 .09 T	.16 .13 .25	. 51		. 12	.89 .29	.06 .70	. 18	т	3,95 1,60 ,32	. 25 . 85 . 28	1.02	.36	. 25			.47	. 20 . 84 . 78 . 02				.52 .75 .43 .16	.12				,16 1,25	.05 .09		1.26		10,08 6.66 6.92 5.48 7,30
SUMMER SHAOE SUBSTA TATHAM SPRINGS R TAYLORSYLLLE TOMPRINSYILLE R TURKEY CREEK SCHOOL	.03 .02 .03 .05	1.32	.40			.05 .86 .91 .30	.05	,86		.28 1.15 .30	.19	.46 .91 .49	. 14		Т		. 68	.11 .13 .02		.20	. 15	.06 .99 .52 .02	T .05 .18 .06				.36	.38 .43 .02 .02 2.00	.50 .12 .04	1.13		4.45 7.28 5.89 3.74 7.33
TYRONE LOCK 5 UNIONTOWN OAM 49 VALLEY YIEW LOCK 9 VANCEBURG OAM 32 WAYNESHURG 6 E	.04 .44 .05	.06	. 63		. 04 T		. 23 .01 * .21 .40	.81		.05 1.64 .07	.12	. 87 . 33 . 24	.10		.39 .06 .25	. 05		.24 .68 .20		.01		.72 .39 .20 .05	.03 .05 .10	.11	.40	.08		.03 .47 ** 1.98 .05	.21	.41	.60 .24 1.14 .15 .88	5.13 4.98 7.30 5.03 5.89
WEST LIBERTY WATES WK WILLIAMSHURG WILLIAMSTOWN WILLOW LOCK 13- WOLF CREEK OAM Z	.14		1.92		. 45	.16	.06 .90 .06	. 70		1.05		. 26 . 97 . 41 . 12 1.82	.95 .02 .63	. 13	.35 .46 .26 1.05	. 04		.08 .22 .18 .30				.46 .18 .20	.40 .45 .58 .34	. 17	.34		, 24	.10		.43	.51 .87 .11 .85 .82	4.46 8.51 6.28 4.32 7.62
WOOGBURY LOCK 4 Z			. 77			. 54	1.12	. 18		. 22	. 09	.63	.45					. 19				.48						.55	.15		.65	6.02

	4

EFRTUCKY MAY 1950

						A.N	4 Hou	r endi	ng									РМ	Hou	r endir	ng				
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	0	12
													-ls	-											
DISON DAM 45 RBOURVILLE WATER WKS XTER HARLAN WATER WKS NTDN I SW	27	.04 .0S	.05	D3	04	D4							15						.01	.01					,
KTER HARLAN WATER WKS		.08	.08	.02	-	.03	02		-		_	-	- 1	_	_				- 1						
RROLLTON LOCK I STRAL CITY (NTDN	40										.05	. 02	01	. 02	. 10	.02			. 02	01	. 03	.04	. 01		
BIN CAA	6		. 24		•	٠		٠	. 20		.05	. 02	01	. 02	. 10	.02									
NDEE BARRETTS FORD BR EMINGSBURG POST OFF RDS FERRY DAM 50																			. 01	.05					. 01
RDS FERRY DAM 50 FT LOCK 3 LARD														. 04	.06	. 01	.01					.05	.05		
ARD KINS			. 17	.31	. 21	.16	. 12	.02	. 01	.03	. 03						.18								. 04
KINS TUCKY DAM INGTON WB AIRPORT ERTY	,,						.01				. 02		. 09	.08	. 07									. 0S	.01
TLE HICKMAN LOCK 8 LICK 1 S	//																							. 17	. 12 . 18
DON 3 SW ISVILLE BOWMAN FLD		.18	. 10	.04																			. 01	. 01	. 01
ERTY TIE BICKMAN LOCK 8 LICK 1 S DON 3 SW ESVILLE BOWMAN FLD ISVILLE STAN W B AP ISVILLE WB CITY ISONVILLE 1 SE																					. 0S	.01	.01		
SVILLE DAM 33 KINNEYSBURG DLESBORO RR STA	1/1														.01			. 06						.01	. 02
DLESBORO RR STA	//	. 08	.04	.03	.07	. 03		.01								.01	. 01	.01	0.1	. 01			. 02	. 06	. 02
NSBORO DAM 46 UCAB CAA UCAH SCS NURSERY	6								*	.01	. 01		. 02	.2S	. 02	.03	.01	.01	.01	.10					
EAITTE										,01	, 02		. 02	.00	.02	.03	. 03	.24	. 32	. 01				.01	.18
THFIELD 4 S ERSET HIWAY DEPT		. 07	.01	.01																		. 07			
ABNS HAM SPRINGS PKINSVILLE		. 09	.17	.01														.01		. 01					
PRINSVILLE ONTOWN DAW 49 F CREEK DAW	//	.03		.01	. 01	.01									.08	.08	.04	.01					. 02	. 07	
CHEEK ME		.03											0	7										.07	
ISON DAM 45	//											.03	-20	. 21	.10	. 01	.14								
LPHUS 1 N BOURVILLE WATER WKS	//		.01	.01	. 01	.01					. 01	.04	. 14	01	. 10		. 03	. 01	. 07	. 28	.01	. 01			
TEB HARLAN WATER WES EA COLLEGE LING GREEN WB AP						.01	. 06		. 01	.01	. 01	. 01	. 03	.01	.02	. 02	. 01		. 03	. 05	. 01				
LING GREEN WB AP ROLLTON LOCK 1 FRAL CITY	//						. 01	. 02	. 02	. 01	. 06	.18	.04	.01	. 04	. 09	. 03	.04	. 04	.01					
NTON STANTINE BIN CAA									. 05	.1S	.18	.74	.03	. 04	. 01		. 01				. 04				
BIN CAA INGTON W B AIRPORT	6		.08		•	۰		*	. 01			*	*	*	.04	*	*	*	*	*	.21	*			٠
INGTON W B AIRPORT ELLA DEE BARRETTS FORD BR		. 02	. 03						. 01	. 01		.10	.24	. 17	.02	.03		.01	.06	.02	. 04	.01			
DNTON MINGSBURG POST DFF		.02	. 08	. 03					. 01		.01			.01	.16	.14	.01		. 01	.01	.01	.01			
DS FERRY DAM 50 NELIN WATER WORKS F LOCK 3										. 04	. 03	.09	.10	. 04	.01	.01	. 01		00	0.0		00			
EYS MILL	//		.05	.13	. 08		. 01				.14	. 33	. 12	.08	. 02	.08	.07		. 28	. 03		. 02			08
DELBERG LOCK 14 NDON	//									. 09	. 04	.03	. 01	.07	.01		.12	. 01	. 06	.01	.01		. 01	. 01	. 00
GENVILLE NAT PARK KINS TUCKY DAM					. 02	. 01	. 01			.01	. 02	.07	. 19	.03	.02		. 02		. 01		.01	. 08	. 38		
		.05	.05	.01				.09	. 21	.19	.10	.02	.10	.17	.18		. 02	.01	ns.	. 32	.03				
BERTY TLE HICKMAN LOCK 8	//	.01	.08					.02	.02 .01 .04	.04	.01	.05	.04	. 01	.01			. 08	.01	. 01					
FLICK 1 S FDON 3 SW JISA LOCK 3		.12	.02						. 04	. 06	.08		. 06			.06	. 06	. 01	. 08	. 01	. 01	.06			
DISVILLE BOWMAN PLD DISVILLE STAN W B AP DISVILLE WB CITY			.01										.10	.15	.17	.10	.04	.05	.05	.03	. 24	.03	. D2	.01	
JISVILLE WB CITY CAS DISONVILLE 1 SE								.08	.01	.01	.04	. 07	.06	.17	.20	.12	.18	.10	. 09	.01					
SVILLE DAM 33	11	. 01	. 01	. 01							. 03	. 24	.19	. 07	.04	.01	. 25	. 25	. 04						
DLESBORO RR STA	//	0.7	. 03	. 01	. 01	.07	. 01	.01	. 02		. 02			. 02	.10			. 20	. 01	. 13	.06	.01	.04		
STATEMENT OF THE SET O		.07	. 03	.01	. 01	.01	. D4	.11	. 07			.08	.19	OS	.19	.28	.01	.02		. 04	.15	. 13	. 01		
YE BILL 1 NW NSBORO DAM 46			. 02			.01		.01				.02	.11	.07	.14	.14	.0S	.01	. 01						
YE BILL 1 NW NSBORO DAM 46 UCAH CAA UCAH CAS UCAH SCS NURSERY EVILLE	6								*	.03	, 20	.12	.18	.30	01	.01	. 01	*	*	. 03					
EVILLE SEY LOCK 2 DIEVILLE WATER WORKS		. 31	.04			. 04		. 01		.01		.10	. 30	.02	.01	.04	. 05	01	04	0.1	.18	.07	.03		
MARYS COLLEGE	//	.03	. 08					. 05	. 04	.02		.02	. 0S . 20	.12	.01	. 0S	. 2S . 03 . 02	.01	.04	.01	. 09	.01		. 03	. 01
PRESENT DAMAN DEPOR	//										. 04	.08	.07	. 07	. 22	.10	.19	. S0	.04	.02	70%	.14		.03	. 01
ARNS HAM CDDINGS										.03	. 01	.02	. 06	. 26	. 09	.01	.08	.29	.01	.01					
PKINSVILLE F CREEK DAM		. 01	.01		. 04	. 03		.03	. 03	.01	. 03	. 05	.01		. 01										
DBURY LOCK 4									. 01	.03	.03	. 36	. 07				.10	.15							
BOURVILLE WATER WKS			.01	. 01	. 01								-30	1-											
TON 1 SW EA COLLEGE BIN CAA		.01	.01	-	.01	-	-	-	-	- }	-	-	-	-											
	6	.01	. 01																						
EYS MILL ARD	11		.05	.01			. 01		. 02	. 01				. 09			.01		.01	.01			. 01		
DELBERG LOCK 14 DDLESBOBO RR STA LERSBURG			0.5	0.5	. 01		.01	.02			. 01														
LEKSBURG			. 01	. 01							Station														

KENTUCKY MAY 1950

						A. M	4. Hou	ır endi	ng									P. M	4. Hou	r endi	ng					7
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
OLIVE BILL 1 NW PIKEVILLE		. 01	. 01	. 01						. 01																. 03
CARROLLTON LOCK 1 CLINTON COVINGTON W B AIRPORT FILMI NOSBURG POST OFF GEST LOCK 3 ENEMNOW WE AIRPORT LOCK 1.5					. S4	.14	.03	.07	.11	. 05	.01	.04	.10	.12	.14	. 11	.07	-	-	. 53	.16 - .04 .08 .05 .41	.19 .01 .41 .16	.01 .01 .17 .06	.01	- * .18 .01	.18 - .16 .24 .61 1.53 .06 .36 .42 .58 .32 .07 .32 1.38
BENTON 1 ST CENTRAL CITY CONSTANTINE BAIRFORT COVINCTON WE BAIRFORT COVINCTON WE BAIRFORT COVINCTON WE BENTON BENTON LOUIS LOCK 3 LOUIS LOCK 3 LOUIS LOCK 3 LOUIS LOCK 3 LOUIS LOCK 3 LOUIS TILLE BOWNAN FLD LOUIS LOCK 3 MILLESTAN W B AP MILLESBURG MILLESB		.01	.03	.01	.12	.38	. 20	.03	-	-	.01	.01	-5i -6	th-	.01	.01	. 02	-	-	-	.02	.20	.13	.02 .19 .35 * .85 .01	.60 * .01 - .01 .10 .15 .10	
ADDJEUS 'N MED MAD MAN MATER WES BARDOWN LLLE WATER WES BENTON 1 SWEET WAS BERTON 1 SWEET WAS BOULING REPROBLEMENT OF THE MAD MAD MAD MAD MAD MAD MAD MAD MAD MAD		.02	.08	-	.13	.01	.16	. 24	.02	.04	.01 .01 .01 .01	.07	.03	.01	.01	.04	.01	.08	.01	.07	.02	.03	.01		.09	. 05
CORBIN CAA 6 COVINGTON * B AIRPORT DUPPEE BARRETTS FORD BR EDMONTON FLEWINGSBURG POST OFF FRANKLIN **ATER **OKKS OUST MACKED FRANKLIN **ATER **TOKKS OUST MACKED BEIDELBERG LOCK 14 BERNDON BOOGENVILLE **NAT PARK		.38	.01	.01	. 10	* .07 .01 .12 .01 .01 .01	* .08 21 .03 .02 .18	* .07 .13 .19 .01 .03	.06 .11 .08 .04 .02 .11	.02 .12 .01	.02	.01	.04	.01	01	.02	. 02	.08	.09	.01	. 07	. 01	.01		.08	.01 .57 .37 .80 .45 .55 .17 .03
LEXINSTON WB AIRCORT LIBERTY LITTLE BICKMAM LOCK 8 // LONDON 3 SUDVMAM FLD LOUISVILLE STAN WB AP LOUISVILLE STAN WB AP LOUISVILLE STAN WB AP LOUISVILLE DAW 33 MC KINKYSBURG MIDDLESBORG RS TAM MILLERSBURG		.10	.15	.02	. 08	.03	.16 .13 .05	.02	.02 .07	.09 .23 .27 .05 .08	.01	.02	.01	.01	. 01	.01	.02	.05	.08	.03	.01		.01		. 01	01 57 37 80 455 55 17 03 91 80 62 88 13 10 11 11 12 28 89 19 51
MILLERSBURG MOREBEAD STA TEACH COL MUMPORDVILLE OLIVE BILL 1 NW OWENSBORD DAM 46 PADUCAB BCS NURSEBY PIEKFILLE SADIEVILLE SADIEVILLE WORKS ST MANYS COLLEGE	6	.14	.05 .02 * .05	.09	.03	.03	.19	.09 .21 .08 .01	.08	.07 .02 .18	.01	.01 .02 .01 .02	. 01	.01		. 01	.02	.01	. 01							
SI MADIS CULLEGE SMITHFIFELD 4 S SOMERSET BIWAY DEPT STEARNS TATHAM SPRINGS TOMPEINSVILLE WOLF CREEK DAM WOODBURY LOCK 4		.16	.01		.04	.14		.04	. 10	.10	.02		.03			.08	.02	.07	. 03 . 08 . 08 . 04 . 01	. 07 . 02 . 01 . 05	. 05	. 01			.01	.13 .05 .27 .9S .38 .29 .16 .86 .30 .20
ADDISON DAW 45 ADDLPBUS 1 N BARBOURVILLE WATER WKS BAATER AARLAN WATER WKS BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP CLNTRAL CITY CLINTON	<i>'</i> ,	.01	.03	.03	. 05		. 24	.23	.33	.01	. 17	.13	.04	.01 .03	.01	.01		.01	. 01	. 01						.0S 1.13 1.26 1.59 1.12 .01 .80 1.15 2.02 .13
CORBIN CAA DINDEE BARRETTS FORD BR EDMONTON PORDS FERRY DAW SO FRANKLIN WATER WORKS HALFYS WILL BOUGENYILLE NAT PARK ENEMLYEV DAW	6	. 01	.04	*	.08	* .01 .17 .11	.10 .57 .24	.24 .27 .11 .30 .15	.42 .18 .38 .05	* .02 .08 .02	.01	•	*		. 79	.02			.01							.13 .77 .83 .95 .71 1.08 .22 1.13 .27 1.04 .98 1.38
LIBERTY LONDON 3 SW LUCAS MADISONVILLE 1 SE MIDDLESBORO RR STA	7	. 29	. 07	. 01	. 01		. 29	. 56	.10 .13 .31 .08 .23	.10 .44 .01 .01 .21	. 26	.01		. 01	.02	.01			.01							1.04 .98 1.38 1.34

- 76 -

able 4-Counnied																										
						A.M	4 Hou	r endir	ng									P 1	M Hou	ır endi	ng					3
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	P
UNFORDVILLK								.24	40	12				. 01												77 12
UNFORDVILLE IENSBORO DAM 46 DUCAH CAA ADUCAH SCS NURSERY	8	.05					04	. 03	.08					. 04						0.5						
ADUCAH SCS NURSERY UMSEY LOCK 2				-	.05	62 31	. 21	11 34	.02	.01					.02	. 02		.01								98 98 07 .70 1.95 1 48 .04 1.05
MSKY LOCK 2 MARYS COLLEGE DMERSET BIWAY DEPT			. 03	. 03				.08	.05	.01	.01															. 70
EARNS MPEINSVILLE		.01	. 06	. 52	.03	. 25	.27	.13	. 27 . 27 . 01	.13	42	.02	02	. 02												1.95
IONTOWN DAM 49 LF CREEK DAM ODBURY LOCK 4				. 10	. 04	.06	.01	. 20	. 44	. 01	. 01	.01														1.05
ODBURY LOCK 4						05	. 27	. 42	. 20				0.	1.												
ENKINS													-8t	n-												
INKINO													-91	h-												
AXTER BARLAN WATER WKS													0	.11					. 04							. 04
AXTER BARLAN WATER WKS ARROLLTON LOCK 1 OVINGTON W B AIRPORT LEWINGSBURG POST OFF	6																						.01	.05	.01	. 07
LEWINGSBURG POST OFF EST LOCK 3																						.01	.07	.01	.05	. 68
LEMINGSBURG POST OFF EST LOCK 3 AZARD OUISA LOCK 3 OUISAY LOCK 3 OUISYILLE BOWMAN FLD OUISYILLE STAN W B AP OUISYILLE WE CITY C KINNEYSBURG ILLERSBURG												. 01	.01												.07	.06 .68 .07 .02 2.74 2.23 1.85
OUISVILLE BOWMAN FLD OUISVILLE STAN W B AP																				.01	1.03	.02	.31 1.37 1.28	. 74	.10	2.74
OUISVILLE WE CITY C KINNEYSBURG																						.06	1.28	. 45	.13	
OREBEAD STA TEACH COL				. 03	.05																				. 02	.02
ILLERSBUNG ONEBERD STA TEACH COL WENSBORD DAM 46 ADIEVILLE WATER WORKS MITREIELD 4 S NIONTOWN DAM 49																						*	.16	. 26	.30	.72
NIONTOWN DAM 49																								.35	. 03	.38
														th-												
DDISON DAW 45 DOLPBUS 1 N AXTER MARLAN WATER WES				. 77	. 25	.26	.12	. 03	.01	. 02	. 01	.02	.01			.05										1.50
AXTER HARLAN WATER WES ENTON 1 SW OWLING GREEN WE AP							. 07	. 06	. 01																	. 25 . 25 . 14 . 13
OWLING GREEN WB AP ARROLLTON LOCK 1		.03	. 13	. 30	. 29	.24	. 04	.03					. 02	.02	.08	. 01										1.51
ARROLLTON LOCK 1 ENTRAL CITY LINTON					.02	.03	.18	.05	.07	.05																.35
ONSTANTINE ORBIN CAA OVINGTON W B AIRPORT	6		. 04			. 30	. 06	.14	. 84	:	:	:	:	:	.17	*		*			. 01					. 00
DAVELLA DUNDEE BARRETTS FORD BR		Ť	. 04				. 45	.16	.09	. 01	. 01	.02	.02		1.09			.05								1.18
		. 03	. 01			. 04	. 13	. 06	. 12	.05							. 09									.72 .14 .39
FLEMINGSBURG POST OFF FORDS FERRY DAM 50 DEST LOCK 3		.03	. 03	.15	. 70	.15	.01	.08	. 02	.01	.04	. 01		.01												1.08
SEST LOCK 3 HALEYS MILL HAZARD	11	.36	. 01	. 01		. 50	. 01	*	*	*	*	*	. 24													. 24 . 89 . 11 . 28
MEIDELBERG LOCK 14 MODGENVILLE NAT PARK	1//						. 02	.15	. 08	.02	. 07	.01	. 02													.11
JENKINS KENTUCKY DAM LEXINGTON WB AIRPORT				.10	. 50	. 50	. 08	.02	. 09	.01					. 23				. 23	. 04						.50 1.30 .27 .25 .33 .16 .23 .43 1.50 1.74 1.65 .79 .65 1.17 .39 .56 .11
LEXINGTON WB AIRPORT LIBERTY	1/,							. 22	. 05	.13	. 04															. 25
LOGLICK 1 S	//				. 01	.01	. 07		. 02	.01	.04 .23 .11	.01					.02									.16
LEXINGTON WB AIRPORT LIBERTY LITTLE BICKMAN LOCK 8 LOGILOK 1 S LOUISON 3 SW LOUISVILLE BOWMAN FLD LOUISVILLE BOWMAN FLD LOUISVILLE WB CITY MADISONVILLE 1 SE MAYSVILLE DAM 33		45	. 37	.16	27	.16	. 05	. 04			. 19	. 02	. 20	. 01		.01										1.50
LOUISVILLE STAN W B AP		.45 .04 .01	. 36	.37	. 27 . 39 . 38	.08	.35	.09	. 03	. 01				. 02												1.74
MADISONVILLE 1 SE MAYSVILLE DAM 33	11		. 15	. 11	. 11		.18	. 09	.03	. 02	. 01	. 01	. 02	. 01												. 79
MC KINNEYSBURG MIDDLESBORO RR STA	1//	.08	. 11	. 19	. 11	.20	. 20	.09	. 04	.07	. 01				. 08				. 31							1.17
MILLERSBURG MUNFORDVILLE DLIVE BILL 1 NW		.01	.01	.01	.01	.04	. 25	.17	.05		. 01															. 56
DLIVE BILL 1 NW OWENSBORD DAW 46		.01	.18	.01	.14	. 33	. 09	.07	. 17	.10	.01	. 02			. 02		. 01									. 83
OWENSBORD DAM 46 PADUCAH CAA PADUCAB SCS NURSERY	6			*	. 43	. 29	. 17	.73	*	.04	.15	.02	. 04	. 45	. 01	•		•	*	.01						1.20
PIKEVILLE RUMSEY LOCK 2						. 30	.14		.15		. 01		.02		.10				. 31							. 41 . 62 * . 13 . 19 1. 61
PADDCAB SCS NUNSERY PIKEVILLE RUMSEY LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE SALYERSVILLE	.,,		*		*	•	*	. 05	. 07	•	.01	•	•		•	. 19										.13
SMITHFIELD 4 S SOMERSET HIWAY DEPT	//	. 26	.02	. 37	. 32	. 24	. 27	.01	. 06		. 03	.06		. 03		. 19										1.61
STEARNS TATHAM SPRINGS TOMPKINSVILLE								. 22	.05	. 01	. 20	.00		. 02								.02				.32
	//	. 27	. 35	.18	. 28	.15	. 07		.00	.01	. 02	.29	.01	. 01	.01											.30 1.36 .09
WOLF CREEK DAM WOODBURY LOCK 4								, 21	. 07	. 01	. 08	.01														. 09
													-11	th-												
ADDISON DAM 45	11											.15											.18	. 04	. 01	. 65
ADDISON DAM 45 BARBOURVILLE WATER WES BAXTER BARLAN WATER WES															. 10		. 44	. 40			. 07				. 01	. 44
BENTON 1 SW BEREA COLLEGE CENTRAL CITY											. 04		.01	.01	. 01	.06	. 02				.07				. 01	.06
CONSTANTINE									*	*			.01	.01	.01	*	.02	.05					.02	.02	. 01	. 50
CORBIN CAA COVINGTON W R AIRPORT	6								. 02					.12	. 01		*	*		*	. 38		8	*	*	
CORBIN CAA COVINGTON W B AIRPORT DAVELLA DUNDEE BARRETTS FORD BR									, 02				. 04	. 20	. 19				. 07	. 27				.10	. 02	. 34
FLEWINGSBURG DOST OFF														. 03	.04	.10	. 01		. 01	.02	.02					.04
FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3										.01	.14	.11		.18						.03	. 20	. 03	.02	. 01	. 01	. 56
GEST LOCK 3 BALEYS MILL BAZARD								.13	. 09					.13	. 04				. 02				.04	.03	.02	.34 .55 .04 .19 .56 .18 .22 .33 .24
BAZARD BEIDELBERG *OCK 14	1//															. 04	.13	.07	. 01							. 02
							5	ee refe	rence I	otes f	ollowing	Stati	on Inde	x.												

KENTUCKY MAY 1950

					A. M	Hou	r endi:	ng									P. N	I. Hou	r end	ing					7
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
HERNDON HODGENVILLE NAT PARK JEWEINS			. 01		. 11	. 73					.08		. 01	. 01	. 03	. 01						.06	.17	. 05	. 28
KENTUCKY DAM LEXINGTON WB AIRPORT LITTLE HICKMAN LOCK 8 LOGLICK 1 S LONDON 3 SW									.01	. 02			. 09		.10	.04	.01		.01		.01			. 08	. 28 . 14 . 85 . 22 . 13 . 05 . 05 . 40 . 07 . 49 . 80
LOTTLE HICKMAN LOCK 8  LOGLICK 1 S  LONDON 3 SW  LOUISA LOCK 3  LOUISVILLE 80WMAN FLD  LOUISVILLE STAN W 8 AP  LUCAS												.16	.03	.34	. 07	. 10	. 02	. 04	. 02	.01		. 05	.02	. 03	. 07 . 49 . 80
MADISONVILLE 1 SE MAYSVILLE DAM 33 // MC KINNEYSBURG // MIDDLESBORO RR STA MILLERSBURG								•	•		*	*	•	•	* .01 .09	. 01 . 01	.03	. 01	.01		. 01	•	•	•	.06 .10 .89 .15 .45
MOREHEAD STA TEACH COL OLIVE HILL 1 NW OWENSBORO DAN 46 PADUCAH CAA PADOCAH SCS NURSERY					.09	. 18		. 16		.01	. 26*		. 58		*	. 05	.02				.11	.04		.01	
PADOCAH SCS MURSERY PIKEVILLE RUMSSY LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE SMITHFIELD 4 S SOMERSET HIMAY DEPT										. 20		.01	.01	*	.05	.01	.01	. 01	. 31 . 06 . 46 . 01	.06	.01	.16		.01	.38
TATHAM SPRINGS								. 01	. 01				.17	.14 .09 .01	. 63	. 01	.01			. 03	.04		.01	.04	. 14 . 31 . 85 . 12 . 41 . S9 1, 79
UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4								. 02	. 01	. 10	.10	-12	.04 -h_	.98	. 61	. 16			.08	.18	.07	. 02	.03	. 02	. S9 1, 79 . 05
ADDISON DAM 4S // ADOLPHUS 1 N // BARBOURVILLE WATER WKS	. 01	. 03	. 01	.08	.13	. 07	.04	. 01 . 08	.02	. 03	01		01												. 40
SARBOURVILLE WATER WKS HAXTER HARLAN WATER WKS BENTON 1 SW SEREA COLLEGE SOWLING GREEN WS AP CARROLLTON LOCK 1 //	.01 .02 .02 .03	.04 .01 .05 .01	.17	.06 .07 .02 .03	. 27 . 01 . 01	.09	.03 .07 .10	.01 .08 .14 .15	.06 .01 .13 .46	. 32	. S1 . 15 . 0S . 01	. 23 . 21	.08	. 23	. 07		. 01	. 01							1.49 1.02 .67
CILETON	.03	.02	.03	.06 .08 *	.04	.14	.18	.07	.09 .37	.02	.01				.02		.01								. 40 . 41 1. 49 1. 02 . 67 . 82 1. 07 . 11 . 63 . 37
CONSTARTINE CORSIN CAN COVINGTON # 8 AIRPORT 6 DAYELLA DUNDEE BARRETTS FORD BR EDMONTON	.03	.01 .02 .0S	.02	.04	.04	. 02 . 06 . 05	.14	.07 .03 .06	.06 .18	. 01 . 01 . 32	* .06 .02 .08	.04	. 08	. 87	. 04	. 03	.03	. 02	٠	. 20					
FORDS FERRY DAM 50 FLEWINGSHURG POST OFF FRANKLIN WATER WORKS GEST LOCK 3 HALEYS WILL	.02 .06 .01	.03 .03 .02 .01	.01 .01 .01 .04	.09	.10 .02 .09	.01 .01 .04 .04	.07 .11 .03	.06 .2S .02	. 22	. 03	.08			.02											433 433 443 444 444 444 444 444 444 444
HALEYS MILL HAZARD // HEIDELBERG LOCK 14 // HERNDON HODGENVILLE NAT PARK	.01	.01	.03	.07	.15	.14	. 26	.05	.03 .09 .12 .15	. 17 . 06 . 10 . 01	. 30	.17	.13	. 33	. 02		. 01	.03							. 99 1.13 .71 1.11
JENKINS KENTUCKY DAM LEXINGTON WB AIRPORT	.01	. 01 . 10	.03 .01 .20 .01	.03 .04 .09 .08	.02 .01 .08 .01	. 03 . 02 . 04 . 01	.03	.02	.06	.05	.09 ,01	.06 .46 .02	.02	.02	. 02	. 13	.04	.02	. 01						1.07 .43 .46
LIBERTY LITTLE HICKMAN LOCK 8 LOGLICK 1 S LONDON 3 SW LOUISA LOCK 3 LOUISYILLE BOWMAN PLD LOUISYILLE BOW B CITY		.06	.04		. 07	.01	.08	.03	.01	.08	. 04	.10 .11 .13	.04 .02 .06 .80	.06 .04 .03	.03	. 02	.04	. 01							. 53 . 64 1.32 . 41
MADISONVILLE 1 SE	.01	.01	.03	.04	.02	.03	.08	.04 .28 1.12 .03	.01 .01 .01	. 01	.01	.06	. 19	.08	. 02			.01				. 01		. 01	.31 .32 .97
MAYSVILLE DAM 33 // MC KINNEYSBURG // MIDDLESHORO RR STA MILLERSHURG MUNFORDVILLE	.01	.16 .04 .03	.02 .19 .01	.03 .08 .02 .01	.07 .01 .08 .03	.01 .01 .02 .01	.04 .02 .04 .24	.04 .06 .09 .19	.02 .01 .04 .28	. 20	.10	.06	.03	. 01 . 01 . 08		.02	. 04			. 02					1.00 .40 1.02
MILLERSHURG MUNFORDYILLE OLIVE HILL 1 NW OWENSBORO DAM 46 PADUCAH CAA PADUCAH SCS NURSERY	.02	.03 * .08	.03	.01	.01	.02	. 32	. 02	.07	.05	. 01	.01	. 01		. 02	. 08	18	.02	.01						
PIKEVILLE RUMSEY LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE SMITHFIELD 4 S	.01	.02	.03	.08	.13 * .03 .04	. 21 • . 02 . 04	.04	.0S * .14 .03	. 12	1.19	. 04	. 04	, 01	. 19		.00	, 10	. 03	, 01						.41 .83 .58 1.19 .S3 .25 1.02 1.89 .46 .49 .31
SOMERSET HIWAY DEPT STEARNS TATHAM SPRINGS TOMPKINSVILLE UNIONTOWN DAM 49 //		.01	.01	.01	.03	. 05	.05	. 04 . S8 . 07 . 08	. 19 . 60 . 06	. 22 . 09 . 04 . 06	.18 .36 .01	.35 .05 .03	.03 .11 .01	.02			. 01								1.02 1.89 .46
UNIONTOWN DAM 49 WOLF CREEK DAM WOODHURY LOCK 4	.01 .0S	.04	.01	.02	.05	. 13	. 29	.15	.10	. 12	.18	. 39	. 01 - h												.95
HARBOURVILLE WATER WKS DAVELLA LOUISVILLE STAN W H AP LOUISVILLE WB CITY	. 01	. 02	.05	. 02	.01	.01	.01	.01	.01	. 01	.01	-13: .01	m-												.05 .05 .35 .26 .80
LOUISVILLE WB CITY SALYERSVILLE STEARNS //	.02	.02	.04		.05	. 08	.07		.05	. 07	.08		.12	.07	.02	. 08									. 28
HARBOURVILLE WATER WKS BAXTER BARLAN WATER WKS HEREA COLLEGE	. 01	. 01									-	-14	h-	.07	.14	.10 .09 .07	.0S .13 .01	.05	. 03		. 04	. 01 . 06 . 02	.01 .04 .01	. 08	. 48
BOWLING GREEN WH AP DAVELLA EDWONTON HAZARD HEIDELHERG LOCK 14 //						. 20	.01	.01		. 04				. 03	. 09	. 06	18	. 04	. 21	. 04	.04	.01	.01	. 02	. 48 . 65 . 16 . 08 . 40 . 22 1 . 32 . 20 . 04
HEIDELHERG LOCK 14 HODGENVILLE NAT PARK JENKINS LIBERTY //							refer								.01	.01 .1S .09	.05 .01 .22 .04	. 15	.01	.04	. 02	. 01	.09	. 11	. 04

See reference notes following Station Index.

bla	4-4	Con	dia.	hour

KENTUCE

																									MA	1 1950
Station						A 2	4 Hou	r endi	ng									P 1	м Ног	r endi	ng					3
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
TTLE BICKMAN LOCE 8 GLICK I S MINON 3 SW WITSA LOCK 3 CAS DDLESBORG RR STA LLEENSBURG IVE BILL 1 MW KKYILLE UTERSYILLE MKRSKT BIWAY DEPT	W.							. 02		. 01	. 01			.03	.02	. 12	. 22	.05	.01 .02 .02 .02 .03 .01 .02 .10	.01 .05 .10 .04 .04	.04 .15 .04 .17	.01	.01	.05	.04	.07 .13 .65 .34 .05 .52 .07 .13 .41 1.04 .25
MERSET BIWAY DEPT EARNS LF CREEK DAM	te.			.01	٠	.04	.13	. 27	.02	. 10	.01	•	.°.15	.°04 th—	.12	. 12 . 02	. 10 . 80	.03	.03	.08	. 01	. 07	. 05	. 23	. 22	1.04 .25 1.18 .99
RBOURVILLE WATER WKS XTER HARLAN WATER WKS VELLA ZARD IDELBERG LOCK 14	7	.03 .04 .09 .01	.01 .01 .12 .07	.01 .13 .01	. 04	. 07	. 08	. 02	. 01		. 01		. 01				. 09			. 01						.05 .18 .58 .09
CARD LOCK 14  WEINS NOON 3 SW  UISA LOCK 3  DULESBORO RR STA  REBAD STA TRACE COL  LIVE BILL 1 NW  UUCAR CAA		.09	.19	.10	.02	. 03	. 08	.06	. 01	. 01 . 01 . 01	. 01			.13			. 04	. 01	. 50	. 01						.05 .18 .58 .09 .03 .86 .19 .41 .02 .50
KEVILLE	6	.14	.06	.12	.06	.01	. 02	. 02	. 02				. 01			. 04	.14	. 69	. 01	. 01	.07	. 05	. 05	.01	.01	. 32 . 52 . 88 . 11
ZARD DDLESBORO RR STA	//	.02	.02										-16	th-												. 04
DDLESBORO RR STA DUCAB CAA KEVILLE	6	.03										. 02	-171	th-							. 01					.02
REA COLLEGE	// //											. 01	111		. 01	.05 .19 .03	. 17 . 01 . 01 . 23	. 10	. 01	. 04	. 02	. 03	. 01			. 12 . 47 . 22 . 04
ST LOCK 3 LEYS MILL	//											. 02	. 01			. 32	. 01	. 04	. 02	.01	. 19 . 01 . 01 . 05	. 47	. 01	. 01	. 01	. 49 . 35 . 82 . 01
DELBERG LOCK 14 DGENVILLE MAT PARK KINGTON WE AIRPORT SERTY TILE BICKMAN LOCK 8 SLICK 1 S NOON 3 SW UISVILLE BOWMAN PLD UISVILLE STAN W B AP UISVILLE WE CITY	//												. 01	.10	. 03	.15	. 10	. 05	.06 .03 .18 .11	.03 .32 .01 .03 .18	. 09 . 17 . 06 . 01	.02	.03	.01	. 01	. 52 . 30 . 54 . 45 . 15
REHEAD STA TEACH COL NFORDVILLE			. 15				. 23	. 29	. 22	. 01						. 41	. 30	.01	. 08		.02	. 01	. 13			. 33 . 49 . 20 . 08
KEVILLE DIEVILLE WATER WORKS			. 01								. 09	. 03	. 02	•	. 17	. 22	. 02		.09	.15	. 01	.01	. 02	. 02	. 04	.04 .01 .25 .48 .30
MARYS COLLEGE TITHFIELD 4 S MERSET BIWAY DEPT EARNS TEAM SPRINGS MMENSTHUS MOMENTSVILLE IONTOWN DAM 49 LE CREEK DAM ODBURY LOCK 4	//												. 01				. 55	.09	. 01	. 16	. 54	.01	. 11	.01	. 07	. 12 . 47 . 22 . 24 . 45 . 35 . 82 . 01 . 14 . 45 . 30 . 45 . 31 . 33 . 49 . 20 . 04 . 01 . 35 . 31 . 33 . 49 . 20 . 01 . 35 . 36 . 36 . 37 . 38 . 39 . 39 . 39 . 39 . 39 . 39 . 39 . 39
	//											-	-18t	h-												
NTRAL CITY NDEE BARRETTS FORD BR ST LOCK 3 LEYS HILL	() ()	.01	. 01	.01	. 01 . 01 . 01	. 01											. 05	. 01								.02 .02 .06 .02 .02 .02 .03 .04
RNDON GLICE 1 S NDON 3 SW				.01	. 01			. 02	-	- }	-	_	-	.01	. 02		-	. 04	- 1	-	-	- ;	-	-	_	.02
FORDY ILLE SARNS IPKINSVILLE DIBURY LOCK 4		. 02	. 01 . 01	. 01				. 01				_	19t	h-												. 02 . 02 . 02 . 02
INTON LDS FERRY DAM 50 NDON TUCKY DAM AS						.10	. 15	. 15	. 16	.14	. 02	.01	. 02	. 01	. 02	.08	. 10	. 03		. 01	. 01					. 93 . 08 . 07 . 32 . 02
AS INSONVILLE 1 SE SYILLE DAM 33 PUCAB CAA PUCAB SCS NURSERY	6	-	-	-	-	-	-	~		.04	- * . 04	÷		. 02	. 03	.18	- * . 01	•	•	.13	-	-	-	-	-	. 33
DISON DAM 45 ITON 1 SW LING GREEN WB AP ROLLTON LOCK 1	7											-	·21s	t-			. 01	. 03 1	. 35	. 05	. 99	. 17	. 01		. 01	2.62
CTANTINE	6																	. 04		. 01			. 03	. 23	. 21	.04 .21 .33 .09 .37
TINOTON W B AIRPORT FORE BARRETTS FORD BR RDS FERRY DAM 50 INKLIN WATER WORKS TT LOCK 3							Sac							.03	. 03					.05		47	,18	. 06	. 01 . 01 . 08 . 04	.72 .06 .08 .10

See reference notes following Station Inde:

Table 4-Continued						.10								_		_										MAY	1950
Station					A. 1	M. Hou	r end	ing	_		_	-,	-	_						ur end	_	_	_			_	Total
Station	1	2	3	4	5	6	7	8	9	10	11	12	1		2	3	4	5	6	7	8	9	9	10	11	12	
HALETS MILL HAZABD HERNDON KENTUCKY DAW LEXINGTON WB AIRPORT																		.04	. 02			02	. 04	.01	.01 .01	.12	.05 .02 .12 .04 .75 .12
LEXINGTON WB AIRPORT LITTLE BICKMAN LOCK 8 LOUISYLLE BOYMAN FLD LOUISYLLE BOYMAN FLD LOUISYLLE STAN W B AP LOUISYLLE WB CITY MADISONYLLE 1 SE MC KINNEYSBURG // WILLERSBURG																	. 03	. 02				01 . 26 03	. 38 . 40 . 01	* .03 .13	* .05 .03	.01	. 49
MADISONVILLE 1 SE MC KINNEYSBURG MILLERSBURG MUNFORDVILLE OWENSBORO DAM 46 RUMSEY LOCK 2											05					. 26	. 42	. 01	. 04	.1	• .:	21 07 11	.08		.01	.02 .32 .01	.31 .24 .38 .99
SADIEVILLE WATER WORKS ST MARYS COLLEGE SMITHEFIELD 4 S																	. 12	.44	. 0:				. 20	.08	.02	.01 .18 .05 .02	. 49 .91 .04 .31 .24 .38 .99 .18 .11 .18 .50 .15 .44
TATBAM SPRINGS UNIONTOWN DAW 49 HOODBURY LOCK 4							. 0						2 22d	_										.04	. 39		
ADDISON DAM 45 BARBOURVILLE WATER WES BATTED BARLAN WATER WES BEWEA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1 CENTRAL CITY CORBIN CAA 6 COVINGTON W B AIRPORT 6	.13	. 02	.02	. 07	. 01	. 01		.0	1					07	. 30	.01		. 14		.3	1						.03 .53 .53 .14 .18 .36
CARROLLTON LOCK 1  CENTRAL CITY CORBIN CAA 6  COVINCTON W B AIRPORT 6  DAVELLA DUNDEE BARRETTS FORD BB		.01	:	:	*	:	:	.1		:	03 .	04 .	10		.18 .25 .04	* * . 01	:	*	:	*	:	14					
DUNDEE BARRETTS FORD BB EDMONTON FLEMINGSBURG POST OFF FRANKLIN WATER WORKS GEST LOCK 3 BALKYS MILL	.01 .21 .01 .26 .01	.01		.01			.0		)1																		.22 .02 .32 .03 .04 .28
HEIDELBERG LOCK 14 // HERNDON	.14	. 02	.01	-	.11			4 .0				02	1	01	-	-	. 20	-	-	-			-	-	-	-	. 52 . 04 . 20 . 28 . 22
LEXINGTON WE AIRPORT LIBERTY LITTLE BICKMAN LOCK 5 // LOGILER 1 S LONDON 3 SW LOUISA LOCK 3 LOUISYILLE BOWMAN FLD LOUISYILLE STAN W B AP		.02	.14	.01	.01	.0	7 .0	5 .0	.0 01 05 01 .0		02	01		. 01	- .47 .01	. 02	-	.0:	c	-		. 01	.01	01	-	-	
LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LUCAS MADISONVILLE 1 SE MC EINNEYSBURG // MILLERSBURG //	. 01 . 11	.02	. 02	.01			ľ		45											.:	22					. 02	.01 .15 .02 .32
MOREHEAD STA TEACH COL MUNPORDVILLE OLIVE BILL 1 NW OWENSBORD DAM 46	.01	.05	.01	.08		* 1 .0	1 .1		01	02	•	.36			.03	. 4:		ı					. 02			. 01	.10 .98 .35 .45 .01 .15 .20 .32 .32 .32 .15 .42 .17 .7 .8 .3 .02 .02 .19 .02 .19 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03
PIREVILLE WATER WORKS ST MARYS COLLEGE SALYERSVILLE SMITHFIELD 4 S STEARNS TATHAM SPRINGS	.11	.05	. 01				١			03	. 07		01	. 05	.01												
TATHAM SPRINGS TOMPKINSVILLE UNIONTOWN DAM 49 WOLF CBEEK DAM WOODBURY LOCK 4	.01	.01	.01	1 .1	. 0	1 .0		02			. 01		22.														.02
BARBOURVILLE WATER WES BAXTER HARLAN WATER WES CORBIN CAA DAVELJA 6	.01	. 01							02			. 01	230	.01	. 01	1.2	1 .6		4 .	04				. 01	0	4.0	1 2.24
BEILELBERG LOCK 14 // HODGENVILLE NAT PARK JENKINS			.0	1 .0	. (	7 .0	02				.03														. 0	3	1 2.24 .03 .05 .10
LEXINGTON WB AIRPORT LIBERTY LITTLE BICKMAN LOCK 8 // LOGLICE 1 S LOUISVILLE STAN W B AP LOUISVILLE STAN W B AP ADISONVILLE 1 SE MATSVILLE DAM 33 ///	-	. 08	.0			)î -	:		02		.02																.04
LOUISVILLE WE CITY MADISONVILLE 1 SE MAYSVILLE DAM 33 // MC KINNEYSBURG // MIDDLESBORG RE STA MOREHEAD STA TEACE COL	. 01	.01	-	-	-	-	1			- 1		*	. 04				.0			02 07 01	11			.03	3		.2:
MOREMEAD STATEACH COLL MUNFORDVILLE OLIVE HILL 1 NW PIEWYLLE ST MARYS COLLEGE 8ALYERSVILLE TATEMA SPBINGS	.01		· . c	1 .0		01 .	03	.04	.01	. 02	, 01		. 01	. 01	. 0	4 .1	.5 .0	1			13	. 03	.1:	3		.0	1 .2: 3 .4 .2 .3
TOMPE INSVILLE WOLF CREEK DAM		.02	2 . 0	04	03 .	01		.01					24t	h-	-												.0
BAXTER HABLAN WATER WES CORBIN CAA 8 COVINGTON W B AIRPORT 8 DAYELLA FLEMINGSBURG POST OFF HEIDELBERG LOCK 14 //	.0:	1 .01	1 . (	02	01 . 02 .	01 01	03	* .01 .19	.17 .01 .20	. 01	.08	* .03 .01	*	•	.0	7 -	-	-		-	-	.08	-	-		-	.0
JEWKINS LOCK 3 LOUISA LOCK 3 MAYSYILLE DAM 33 MC KINNEYSBURG MILLERSBURG MOREHEAD STA TEACB COL	.0	1			01			.35 .21 .13	.17 .30 .01 .27	. 09 . 02	.18 .04	.01 .04	Index	. 01			01										.0 .0 .1 1.3 .8
							500																				

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Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
NLIVE BILL 1 NW PIKEVILLE NALYERSVILLE		.01		.01	.01			.05	. 20	.02	.01	. 01	.01	10.												. 3
ALYERSVILLE										.01	. 28	.01	-25	th-												. 3
				. 03	.02								-20	ш—		. 44		. 01	. 01							1.4
ONSTANTINE IMONE BARRETTS FORO BR					.09												.08	. 19	. 01							.0
FIOELBERG LOCK 14 OUISVILLE BOWMAN FLD MITEFIELD 4 S											. 01								. 0€							
RITEPIELD 4 S									•	•	•	•	*		•	•	•	*	•		*	. 08				
ARBOURVILLE WATER WKS												_	-26	th-					.02	. 03	3 .01					.0
ARBOURVILLE WATER WES ORBIN CAA OVINGTON W B AIRPORT AVELLA	6															.23	:	:	:	1	. 18					
	//	_	_	_	_	_		_	_	_	_	_	_	-	_	_	. 12	_	_							. 1
INKINS ONDON 3 SW															. 02	.03	.01	.01	. 60	. 08	3					.0
BMAINS ONDON 3 SW OUISVILLE STAN W B AP OUISVILLE WB CITY ATSVILLE DAM 33 IOOLESBORO RR STA	//											_			_		. 11	. 06		_						
IOOLESBORO RR STA OREHEAO STA TEACB COL															. 09	. 05	. 01			. 0	3					- 0
OREHEAO STA TEACH COL LIVE BILL 1 NW IKEVILLE	,,												.03	. 39	.02	.05	.03	. 03	. 01							1.5
ALYERSVILLE MITHFIELD 4 S	′′															. 38	. 14									.1
													27	th-												
COISON DAM 45 DOLPHUS 1 N ARBOURVILLE WATER WKS AXTER HARLAN WATER WKS ENTON 1 SW EREA COLLEGE	//											1.49	. 22	.12	.01			.04	.05		.10	.01				1.9
AXTER HARLAN WATER WES														. 64		.01	.01			.08	. 06	.04	. 20	.01		.3
EREA COLLEGE OWLING GREEN WB AP													. 42	. 35	. 02	. 14	.01	. 51	.10	. 22	.04	. 01	.01			1.8
ENTRAL CITY	//															.12	.16	. 21		. 01	05	.02	.11	.12	. 01	. 5
DNSTANTINE DRBIN CAA	6													.25	. 01	.01	.03	.01	.01		. 98					. 3
LINTON ONSTANTINE ORBIN CAA OWINGTON W B AIRPORT UNDEE BARRETTS FORO BR OMONTON LEWINGSBURG POST OFF OROS FERRY DAM 50 ALEYS WILL AZARO	6									٠.	*	•	٠	*	.02	. 02	. 02	.18	.10		.01	*	:			. 3
OMONTON LEWINGSBURG POST OFF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	. 04	.01		. 04			.01	.01	.02	. 08	.1
ALEYS MILL VZARO	//														. 14	.01			. 10	.05		. 09	14	.02		.1
ERNDON	//																		. 01	.10	. 23	. 10	.03	.01	. 01	.3
DEGENVILLE NAT PARK ENKINS ENTUCKY OAM															. 20	. 03	. 05	.14	. 07	. 02			. 01	.03	.09	.3
BERTY	//,													. 40	. 20		. 10	.10	. 12	. 03	. 03	.03				.1
OGLICK 1 S ONDON 3 SW																	.06	, 18	.01	. 09		.03				.1
GGLICK 1 S ONDON 3 SW OULSVILLE BOWMAN PLD OULSVILLE STAN W B AP OULSVILLE WB CITY											. 01	. 07	. 14	.07	.01											. 2
	//										. 01	. 07	.18		*			*	*	٠		٠	٠		. 83	. 2
IDOLESBORO RR STA		.02							. 01					. 04		.06	. 01	.01		.02	.04	.01		.01	, 63	.2
UNFORVILLE LIVE BILL 1 NW VENSBORD OAM 46 ADUCAH CAA ADUCAH SCS NURSERY DNSEY LOCK 2 ADIEVILLE WATER WORKS	6											. 04	. 24	.25	.18			. 01	*						.12	.7
ADUCAH SCS MURSERY DMSEY LOCK 2	0													.03	.11	20	.01	.03	.02	. 41	.01	. 01	. 04	*	•	2
ADIEVILLE WATER WORKS																. 20	.01	.04	. 02		.00	.01	.01	.01	.01	1.6
MITHFIELO 4 S	//									. 02	.02		.02	.01						. 01			. 09			1.2
DMPK INSVILLE													. 01		.03		.976	. 47	.01	. 01			. 01			.00
NIONTOWN DAM 49 OLF CREEK DAM OCOBURY LOCK 4	//												.06		.03	.12	.05	.01	.06			.01		.01		. 06
DOOBURY LOCK 4													00			. 40	. 08	.02		. 01	. 01			.01	.01	. 54
DOLPHUS 1 N	//											_	28	h-									.02			. 02
DOLPHUS 1 N ARBOURVILLE WATER WES EREA COLLEGE DWLING GREEN WB AP ERTRAL CITY			0.4										.02	.01	. 01	.08	. 47		. 09	.18	.04					. 51
			. 01		. 01			.01	. 01	.01				. 02		20			01							. 51
ORBIN CAA 6 OVINGTON % B AIRPORT	6		. 01 . 01 . 29	•		•	•		. 02					.02		.28	*	*	. 01		. 63					
VYELLA DMONTON LEMINGSBURG POST OFF		.01	.01	. 01				. 03									. 10	.08	. 01	. 01	. 05					. 02
EST LOCK 3	//			.01			. 07	.03			. 01			. 03	. 34	.18	.01		. 01	. 45	1.4					. 28
	//			.01	. 01			.01		.02	.01		. 01	. 09	. 01	.01			. 07	. 01	.14					. 22
ENKINS EXINGTON WB AIRPORT IBERTY	,,	.03		. 02			. 01	. 02	. 08						.06	.06	. 33	.01 .09 .01	.02		. 27	.18				. 99
ITTLE BICKMAN LOCK 8	//	.01	. 01	. 02	. 01						. 02					. 01	. 17	. 01	.13	1.47	.01					1.89
ONDON 3 SW OUISA LOCK 3				. 01	. 01						.02	.01	. 01	. 01		. 03		. 46								. 48
BERTY TITLE BICKMAN LOCK 8 DCLICK 1 S DNDON 3 SW DUISA LOCK 3 DUISVILLE BOWMAN FLD DUISVILLE STAN W B AP DUISVILLE STAN W B AP				.01													.04	. 01								. 04
UCAS LOISONVILLE 1 SE C KINNEYSBURG											. 60			. 84	. 22	. 01	. 07	. 02			*		*		*	. 02 . 04 . 28 1. 06 . 22 . 04 . 99 . 46 . 31 1 . 89 . 05 . 48 . 08 . 04 . 22 . 07 **
ROISONVILLE 1 SE	//	.16	.09						. 01																	

KENTUCKY MAY 1950 Table 4-Continued P. M. Hour ending Total 7 7 12 1 2 3 5 6 8 9 10 11 12 2 3 5 6 8 9 10 11 MIDDLESBORO RR STA MILLERSBURG MORRHEAD 57A TEACH COL OLIVE HILL 1 NW PADUCAH CAA PIKEVILLE MATER WORKS ST MARYS COLLEGE ST MARYS COLLEGE SWITTEFIELD 4 S SOMERSET HIWAY DEPT STEARNS . 32 . 55 . 04 . 14 . 01 01 02 01 01 04 0.1 01 01 .30 .02 .05 .12 .08 .09 .13 .43 .02 .02 . 01 .01 . 14 02 . 01 . 01 01 07 . 01 . 03 01 08 01 .01 02 STEARNS
TATEAM SPRINGS
TOMPKINSVILLE
WOLF CREEK DAM
WOODBURY LOCK 4 41 .01 . 01 01 . 06 0.1 -29th-ADOLPHUS 1 N BAXTER HARLAN WATER WES BENTON 1 5W BEREA COLLEGF BOWLING GREEN WB AP CENTRAL CITY CLINTON 01 02 03 06 14 03 10 05 29 . 06 . 05 . 01 02 . 01 . 01 01 CLINTON
CONSTANTINE
COMBIN CAA
COVINGTON W B AIRPORT
DUNDEE BARRETTS FORD BR
EDMONTON
FORDS FERRY DAM 50
FRANKLIN WATER WORKS
GEST LOCK
BALETS WILL
BAZARD
BALETS WILL
BAZARD 01 15 20 01 01 12 02 . 01 01 HEIDELBERG LOCK 14
HEIDELBERG LOCK 14
HODGENVILLE NAT PARK
KENTUCKY DAM
LEXINGTON WE AIRPORT
LIBERTY
LITTLE HICKMAN LOCK 8
LOGICK 1 S
LONDON 3 SW
LOUISA LOCK 3
LUCAS . 01 10 . 05 .04 02 . 01 LONDON 3 SW
LOUISA LOCK 3
LOUISA LOCK 3
LOUISA LOCK 5
MADISONVILLE 1 SE
MADISONVILLE 1 SE
MADISONVILLE 1 SE
MIDDLESSBORG RE STA
MILLERSBORG
MINFORNVILLE
OLIVE RILL 1 NO
PADICAL CAM 46
PADICAL SAM 46
PADICAL SAM 46
PADICAL SCE
SAMISSYILLE
SAMIFFYILLE
SAMIFFYILLE
SAMIFFYILLE
SATIFFYILLE
TATHEM SPRINGS
TOMPRINGVILLE
SAMIFFYILLE
MITTATHEM SPRINGS
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MITTATHEM S 01 . 36 01 08 01 15 . 03 01 28 02 18 49 . 07 05 26 02 17 . 01 01 . 01 . 01 02 50 04 39 36 . 01 01 . 03 15 .01 . 33 . 01 -30th-ADDISON DAM 45
ADDIPUTS IN WATER WAS
BARROURVILLE WATER WAS
BARROURVILLE WATER WAS
BERTON L DE
BERTON L DE
BOWLING GREEN WB AP
CARROLLION LOCK 1
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CONS 40 63 62 48 67 75 89 54 59 18 . 01 01 04 05 07 38 56 10 01 01 02 06 DUNDEE BARRETTS FORD : EDMONTON FLEMINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL HAZARD HEIDELBERG LOCK 14 HERDDON WOODEWALLE NAT PARK . 01 . 01 . 01 15 . 02 02 24 . 01 . 01 . 01 01 13 01 . 06 HODGENVILLE NAT PARK 02 . 02 06 BODGENVILLE NAT PARK
JENKINS
KENTUCKY DAM
LEXINGTON WB AIRPORT
LIBERTY
LIBERTY
LIGHT SICKMAN LOCK 8
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LO 01 01 17 15 10 15 04 15 24 23 01 02 80 01 06 03 04 13 .01 09 .04 LOUISVILLE NB CITY
LUCAS
MADISONVILLE 1 SE
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MADISONVILLE 1 SE
MATSVILLE DAM 33
MC KINNEYSBUNG
MIDDLESBOOR OR STA
MILLERSBURG
MUNFCRUYLLE
MUNFCRUYLLE
COLLYE BILL 1 NW
OWENSBORG DAM 46
PADUCAR CAS NURSERY .01 0.2 .09 .58 .20 .10 .30 1.25 0.1 0.4 .01 0.1 01 . 02 . 02 . 02

. 03 - 82 -

40 .10

EXPTUCES

Station					ΑN	1 Hor	ur en li	ng									P 1	M Hou	ar end	pg					7
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Tot
PIKEVILLE RUNSEY LOCK 2 AND IVYILLE WATER WORKS AND IVYILLE WADE EALYPREY ILLE EALYPRE		. 01			. 01		.02	.01	. 01	.06		.12	.01		. 02 . 02	.35 .62 .10	. 31	. 04 . 37 . 30 . 30 . 01	. 11	.02	. 01		.01	.01	.90 44 29 .65 1.11 1.26 .51 1.13 .40 .23 .82
ARBOURVILLE WATER WAS BAXTER BARLAN WATER WAS BAXTER BARLAN WATER WAS BERRA COLLAGE ORDER CAA 6 DREAD	.01	.01 .01 .01 .01 .01 .01 .01		.01	.01	. 01	.04	.01	.01	. 02	.01 .01 .01 .01	.03	.01 .02 .08 .01 .26	.01 .05 .07 .04 .18	.01	.07 .02 .07 .02 .01 .03 .01	.01	.01 .06 .02	.03	.02	.01				.21 .155.03 .07 .033.055 .010 .333.35 .066.04 .488.044 .022.188.04 .044.36 .044.044 .044.36 .044.36 .044.36 .046.04 .0

### DAILY TEMPERATURES

KENTUCKY

Table 5									DA	XII.	Ϋ́	TE	ſΜ	PE	RA	TU	IRI	SS.														MAY	1950
Station															D	ay of	mont	h		-,-													erage
Jidon		1	2	3	4	5	6	7	-	9	10	11	12	+	14	15	16	17 1	18	9 2	20 2	21 :		23 :	24	25		-	_		-	31	Aver
ANCSORAGE	MAX	63 51	60 47	78 54	87 59	85 62	78 55	72 46	69 44	78 56	74	67 52	63 49	72 42	75 43				53	77 54	76 50	77 52	75 56	51	35 58	90 59	88 61	79 61	78 62	83 57	79 59		77.0 53,6
ASSLAND DAM 2	MAX	68 54	68 54	86 56	89 56	95 59	92 59	78 50	74 42	86 45	81 66	76 53	64 51	75 44	79 44			82 54	79 54	75 50		50	78 59	54	61	89 59	89 62	61	74 64	79 60	57 57	76 61	79.7 54.8
SEAVER DAM	MAX	61 49	62 50	79 57	86 63	86 67	81 51	65 52	77 52	84 60	77 61	62 56	62 51	74 45	73 53	54	82 54	86 54	81 56	78 55		78 55	79 56	88 59	91 59	92 59	89 61	86 64	82 61	87 62	72 61	78 60	78.6 56.6
8 ENHAM	MAX	87 48	75 57	82 56	82 54	90 53	87 68	82 65	87 46	81 55	78 64	78 57	79 60	64 54	71 55	60 50	72 49	83 51	83 50	78 42	77 42	85 46	48	72 54	55	79 55	89 55	85 56	85 57	81 56	85 54	84 58	80,0 53.9
BEREA COLLEGE	MAX			82	87 61	88 67	80 52	72 55	76 46	80 50	78 64	74 55	57 51	74 45	72 50	75 51	79 53	80 52	75 54	75 47	75 47	77 49	77 58	82 55	83 59	87 58	86 62	85 60	77 63	78 56	82 55	70 58	78.0 54.8
BOWLING GREEN WB AP	MAX	63 53	71 54	78 60	83 61	86 67	73 52	70 52	78 53	79 58	79 60	72 60	60 49	73 45	70 56	78 52	85 53	85 54	81 56	78 54	80 57	77 56	78 59	85 61	89 60	89 58	88 63	87 63	82 62	83 63	80 59	79 56	78.7 57.0
SURGIN DIX DAM	MAX	64 52	60 51	81 56	88 57	89 65	85 52	72 53	74 46	81 57	80 64	73 55	73 55	74 45	73 51	81 52	82 52	83 51	79 53	79 50	77 50	78 58	78 60	84 55	85 59	90 60	89 62	88 61	81 60	81 60	80 60	73 60	79.2 55.5
CAMPSELLSVILLE	MAX	63 52	64 51	78 56	85 60	85 65	81 49	70 53	79 48	79 57	77 64	75 57	64 51	76 46	71 56	81 50	82 52	84 51	79 54	82 49	78 51	75 53	76 59	84 55	86 56	88 51	88 60	87 61	81 62	84 58	59	77 60	78.7 55.0
CORBIN CAA	MAX	66 58	70 55	81 57	89 58	61	75 58	73 56	80 52	79 55	79 59	82 57	60 54	72 53	68 53	74 53	81 49	81 48	77 51	78 45	76 47	76 49	72 54	83 56	80 55	86 54	87 57	83 59	79 58	81 57	82 59	68 58	77.6 54.7
COVINGTON W B AIRPORT	MAX	56 46	61 46	77 54	85 60	85 64	77 51	73 46	66 40	77 55	69 54	61 52	63 48	74 44	78 53	82 55	80 56	74 56	78 54	75 49	72 48	76 50	66 56	80 52	81 60	87 64	85 64	82 62	66 57	75 55	83 59	71 56	74.7 53.7
DANVILLE	MAX	65 53	58 50	63 53	80 58	87 58	86 54	61 50	70 46	75 50	79 64	74 55	70 50	55 47	74 51	71 52	79 54	82 52	83 55	78 51	78 50	76 50	76 57	75 57	83 59	85 60	88 60	88 62	84 62	81 57	78 57	79 59	76.2 54.6
FARMERS	MAX	66 53	62 48	82 54	87 52	90 55	87 52	73 48	71 40	82 49	80 63	72 50	79 48	76 44	76 44	79 53	83 47	83 45	77 50	77 44	77 42	78 46	79 56	83 49	80 57	89 55	89 56	82 55	77 61	77 58	53	57	79.1 51.1
FORDS FERRY DAM 50	MAX	59 48	62 48	80 58	82 69	85 70	81 56	66 54	77 50	85 65	80 60	64 57	66 54	75 49	75 56	80 57	80 55	87 59	81 57	76 60	76 58	83 59	81 53	87 62	89 65	88 67	87 63	85 64	82 62	84 60	71 60	77 61	78.4 58.6
FRANKFORT LOCK 4	MAX	68 53	62 51	60 51	80 56	87 57	86 59	63 50	72 45	70 46	80 55	67 53	69 51	65 45	72 46	75 51	82 52	82 51	76 54	80 52	76 49	75 49	75 55	77 53	85 57	85 59	88 62	90 64	85 64	81 60	82 60	82 60	76,7 53.9
GREENS8URG	MAX	66 54	62 53	64 54	78 60	86 64	86 53	61 52	69 50	76 50	79 65	77 59	73 54	57 49	72 50	68 53	78 54	83 53	83 54	77 51	80 53	79 53	75 57	76 58	83 57	86 59	88 59	88 63	85 61	78 60	84 60	80 61	76.7 55.9
GREENVILLE 2 W	MAX	52 48	60 49	79 57	84 63	85 69	79 52	65 52	78 53	82 61	76 61	61 56	62 51	75 43	77 53	79 51	82 52	84 53	80 55	75 54	78 58	80 54	80 55	85 61	87 62	87 59	87 61	85 63	82 61	84 60	58	70 57	77.2 56.2
8EADQUARTERS	MAX	61 50	57 49	78 54	85 56	86 61	85 51	71 42	68 41	78 53	69 55	69 49	67 48	71 40	73 54	81 53	80 53	76 52	77 54	75 52													
HEIDELBERG LOCK 14	MAX	66 58	65 46	82 58	88 55	92 58	88 65	73 59	76 47	80 49	80 60	78 57	62 52	75 53	72 47	68 53	81 51	82 48	78 52	77 45	77 44	79 46	76 58	83 55	81 58	88 56	87 57	88 60	77 63	80 58	83 57	68 60	78.4 54.4
HENDERSON 4 SW	MAX	59 47	60 48	77 56	81 65	82 67	78 56	69 51	75 51	84 62	75 56	65 56	67 52	77 45	77 54	81 56	81 51	85 58	78 55	72 56	76 57	81 55	79 53	86 61	88 64	88 63	90 62	87 64	83 62	82 63	72 61	80 61	77.9 57.0
SINDMAN SETTLEMENT SCH	MAX	72 58	68 55	70 57	82 52	90 57	93 61	76 59	71 45	78 46	83 59	81 60	82 54	67 53	74 48	64 56	75 52	81 52	84 54	80 44	77 42	77 45	80 53	71 51	82 54	79 55	88 54	88 57	88 58	81 55	82 55	85 58	79.0 53.5
80PKINSVILLE 2 E	MAX	64 50	65 49	79 54	84 64	84 68	76 52	66 55	76 53	83 61	77 63	68 58	60 53	72 44	74 56	77 54	81 54	84 55	80 58	74 58	80 58	84 58	79 56	86 56	88 59	89 58	86 61	86 63	82 61	83 61	83 61	78 60	78.3 57.1
IRVINGTON	MAX	60 48	57 49	75 55	85 63	84 68	80 55	70 52	72 48	30 60	73 61	67 56	63 50	72 44	72 53	82 55	82 53	84 52	78 55	79 55	76 54	78 53	74 57	84 57	88 65	87 62	88 62	78 64	81 62	84 60	77 62	77 60	77.0 56.5
LEITCHFIELD	MAX	60 50	59 50	76 54	87 60	84 65	81 50	65 53	75 49	78 57	72 59	65 57	60 50	74 43	70 50	81 54	83 53	84 55	80 55	80 54	78 53	77 52	78 56	86 56	88 57	89 60	88 62	85 64	80 61	85 60	80 61	78 59	77.6 55.5
LEXINGTON WB AIRPORT	MAX	61	57 50	79 56	86 61	86 65	75 50	70 50	69 43	79 57	69 54	69 53	59 43	72 39	72 55	79 52	81 54	77 53	77 53	74 53	73 49	75 51	75 58	82 57	83 62		86 63	85 62	79 62	81 62	79 60	74 55	75.8 54.1
LOUISVILLE STAN W 8 AP	MAX	56	59 49	80 55	90	87 68	70 51	71 49	71 46	80 58	69 56	65 56	65 48	74 42	78 55	86 54	85 56	81 53	80 55	79 57	75 54	77 55	77 56	86 56	89 63	90	92 66	75 64	83 64	87 60	80 62	79 56	77.9 56.3
LOUISVILLE WB CITY	MAX	57	61 51	76	87 64	86 69	72 55	72 51	71 48	80 62	68 59	65 57	64 52	73 45	76 56	82 59	80 59	79 58	79 60	78 59	74 56	75 57	75 59	85 60	87 66	88	86	73 64	78 65	84 64	79 63	78 63	76.4 58.9
FOAETWCEAITTE	MAX	61	68	80	80	83 71	78 50	68 56	77 59	83 66	78 62	63 55	69 54	74 46	77 57	84 55	86 55	86 58	82 57	76 63	77 55	81 60	83 51	87 57	88 63	87 61	88 61	86 65	82 63	83 60	75 63	80 62	79.0 58.
MADIOUNTILLE 1 SE	MAX	63	55	64	80	84 68	86 57	60 54	60 53	78 56	83 64	68 58	61 53	65 40	75 49	75 54	80 55	82 55	85 57	82 55								88 65	88 63	82 62	84 60	70 60	74.9 56.3
MAMMOTH CAVE PARK	MA2	65	66	77	7 86	87 57	85 58	70 42	76 51	80 60	78 64	72 47	65	74 32	73 52	80 42	83 50	83 50	80 41	79 38	77 41	77 56	79 47	86 55	87 57	88	88 48	85 48	80 50	85	79 58	77 59	78.9 50.1
MANCHESTER	MAZ	7.0	70	84	91	91 55	85 52	73 58	82 54	79 57	84 56	83	69	75 53	68 51	75 52	84 56	84 52	81 59	80 48	80 45		71 58	85 54	85	90 54	90 52	86 59	80	80 61	85 62	74 63	80.5 55.8
MAYFIELD 2 S	MAX		71			82 68	79 50	68 52	77 55	83 64	78 62	66	65 51	73 42	79 54	82 53	85 55	85 57	82 58	77 59	76 54	80 56	81 52	86 57	88 61	88	89 62	87 61	83 59	85 58	75 55	79 59	79.0 56.3
MAYSVILLE DAM 33	MAX	70				88	90	64	71 43	73 43	81 52	66	68	60	71	74 47	76 51	82 49	75 49	76 49	74 46	72 45	77 50	75 51	77	80		86 61	82 62	70 62	78	82 57	75.3 51.4
MIDDLESBORO	MA				2 88	96	82	76	83	78 55	83	3 78 5 63	3 76 3 53	74	73 7 55	79 53	85 51	86 53	81 54	83 45	81 47	79 50	75 60	83	83	3 9 6 5	0 90 6 55	85 62	81	1 82 2 51	85	72 59	80. 58.
MOUNT STERLING	MA	x 6	6 62	2 8	1 87	89	85	73	75	84	8:	1 71	1 60	75	5 77 1 52	80 54	83 53	82 55	80 53	79 53	78 49	79 51	78 59	83	8 84 54	4 9	0 88 9 44	83 43	78	80	8:	2 70 5 40	78. 50.
MURRAY	МА	x 6-	4 70	8 0	1 84		85			84	8:	2 7:	2 63	3 75	5 78	81	85 54	87 55	85 56	82	78 56	84	83		3 91 7 64	0 9	0 91 0 85	85	88	88 2 58	3 76	81 1 61	81. 58.
OWENSBORO	МА	x 6	1 60	0 7	8 83	8	5 80	69	78	85	7	5 64	4 70				82 54	86 56	85 57	77 56	82 58	80	78		81	8 8 6	8 91 2 63	85	5 83 5 63	84	2 6	2 80 1 61	79. 57.
Philucas caa	MA	X 5	4 6	6 7	9 80	83	68	3 66	77	84	7:		4 61			83	86	84	82	71	78	81	. 83	88	3 81				83		5 7	5 78 3 61	77. 59.
PADUCA8	MA MI	X 6	4 5	2 6	3 8:	1 80	84	81	66	77	8	5 69	9 6	1 7	4 77	76	82 56	83 58	86 52	83	70	79	84	83	8	8 9	0 90	90	88		8:		78. 58.
<b>DIKEAIITE</b>	MA MI	x 7	8 6	8 6		5 9:	2 9	5 75	5 74	81	. 8	5 8	0 7					84	85 57	82 51	79	79	82	75 58	5 8	5 8	1 89		86	6 8:	2 8:	2 82 2 58	80. 56.
	HI	8 11	1 6	0 0	0	. 3	0.		30	70	1	1	-			1	1								1					1	1	1	

See reference notes following Station Index.

DI	VIII	TEMPER	ATTIDEC

Table 3-Continued																																	
																Day	of mo	nth															2
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avec
PRINCETON	MAX MIN	60 50	68 49	82 60		85 70			78 55	84 64		85 57			77 54		85 53	85 53	85 50	71 54	78 55	81 58	84 51	88 55	88 57	88 58	88 80	86 81	86 62	88 6 I	70 61	78 60	78.8 58.4
RICHWOND TEACHERS COL	MAX	87 53	60 48	67 53	81 58	87 60	88 52	64 50	72 44	73 50	78 64		71 48	63 46	73 50	71 51	77 48	80 53	78 51	75 48	73 48	78 48	77 55	76 54	82 57		87 58	88 58	85 62	80 55	78 56	78 55	76.3 33.3
RUSSELLVILLE	MAX	65 52	70 55	80 62	87 60	88 69	80 52	70 52	75 56	84 65	80 65		64 53	68 46	78 56	76 80	86 55	88 57	83 55	80 57	81 80	81 61	83 <b>60</b>	80 62	81 60	82 60			85 61				80.4 58.5
ST JOHN BETHLEHEM ACAD	MAX		57 48	58 50	74 55	84 61	83 53	57 50	66 48	72 48	77 65		65 50	60 43	72 50	70 51	80 54	81 51	82 56	77 53	78 52	75 53	78 57	55	84 58	87 57	87 81	88 81	81 62	78 58	83 61	77 58	74.7 54.4
SCIENCE HILL	MAX	68 56	65 54	60	86 60	88 65	85 53	70 57	78 51	77 58	79 64	77 58	61 54	72 53	70 53	77 52	81 51	81 50	76 53	78 48	77 51	75 51	75 58	82 56	83 57	87 57	86 58	88 60	80 63	81 57	80 81		77.8 56.1
SCOTTSVILLE	MAX	65 52	69 56	78 58	87 62	87 60	74 56	73 54	81 54	80 63	78 65	78 58	68 53	74 53	70 55	80 52	85 52	86 51	82 54	80 51	81 53	78 55	81 58	88 61	88 56	82 63	81 58	88 60	84 81	88 58	83 58	80 58	80.6 56.8
SHELSYVILLE 2 W	MAX	63 50	59. 47	78 54	87 59	84 64	80 54		70 43	77 54	76 58			73 43	73 51	82 51	82 51	76 51	78 53	77 52		77 48	75 57	85 52	85 60	89 59	89 82	84 63	80 63	84 60	78 61	77 60	77.3 54.2
SHEPHERDSV1LLE	MAX		65 51	78 52	88 62	90 64	85 55	75 52	72 48	80 59	72 63		65 51	75 46	76 51	82 52	84 54	82 51	79 55	84 52	76 52	78 49	82 61	88 56	82 61	94 60	90 80	78 60	81 84	85 60	80 82	76 81	78.5 56.0
WEST LIBERTY WATER WKS	MAX	72 58	64 55	62 56	83 55	93 56	95 49	77 50	76 44	80 45		70 55		72 52	75 45	77 54	78 52	80 51	83 52	79 46	77 47	82 51	80 50	85 51	83 65	85 55	88 56	88 58	87 59	80 60	83 58	86 54	80.1 53.4
WILLIAMSBURG	MAX	73 58	72 57	81 57	91 58	81 63	83 53	77 51	79 53	79 55	81 63		70 57	72 54	70 55	77 51	83 53	82 51	77 54	80 47	79 43	76	88	85 57	83 55	88 55			77 61				80.2 54.9
WILLIAMSTOWN	MAX	62 49	61 47	61 53	85 59	85 61	80 58	71 48	68 40	73 52	74 63	63. 54	60 48	71 44	75 50	78 54	80 54	78 55		71 51	80 48		74 57	78 53				78 64	78 61	74 58	83 58		74.6 54.5
WOLF CREEK DAM	MAX	73 59	66 56	71 59	82 59	88 60	88 62	66 60	75 52	80 57	80 68		80 60	61 56	75 58	69 58	79 53	84 52		80 50		80 54	76 61	78 56	86 56	90 58		88 64	89 64	84 61	88 61	85 62	80.0 58.3

E

SURGIN WOLF CR

# EVAPORATION AND WIND

Station																	Day o	of mo	nth														-
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
DIX DAM	EVAP WIND	.04	.04	.00	.12	.17	.30	.04	.09	.16	.14	.17	.13	.01	.14	.08	.14	.21	.11	.20	.18	.19	.15	.26	. 19	. 17	.14	.30	.30	.14	.15	. 29	4.75 241
CREEK DAM	WIND			.00 15				.13 17					. 19 18			.25 19		.19 17	. 18	.18	. 22	.22	.26 20	.08	.23	.21	. 23			. 17		. 21	5.24 571

														_	_		_	Ohse				
Station	Index No.	County	Drainage 1	Latitude	Longitude	no.	Obse tim due tim	n	Refer to tables	Station		Index No.	County	Drainage	Latitude	Longitude		vatio: time	n	Observer	Refer to tables	
ADOLPHUS 1 N ALLEN ANCHORAGE	0043	SRECEINRIDGE ALLEN FLOYD JEFFERSON PIEE	3	36 39 37 35 38 16	86 34 86 16 82 43 85 33 82 26	700	79	SA CORPS OF ENGINEERS 7A IOELL M OEARING 8A NANNIE AUXIER 7P C E HARRET 8A WARY S RATLIFF	3 4 3 4 3 2 3 5 3	LOGLICK 1 S LONDON 3 S# LOOISA LOCK 3 LOOISVILLE BOW LOUISVILLE STA	MAN FLD N WB AP	4893 4843 4951 4954	CLARE LAUREL LAWRENCE JEPFERSON JEPFERSON	1 7 7 7	38 13	82 37 85 40 85 44		MIO N	7A SUS ID US ) IO UB	B HURGHER FOXEST SERVICE TER SEE ENGINEERS WEATHER HUREAU	3 4 3 4 3 4 3 4 2 3 4 5	7
ASHLAND CAM 29 BARDOURVILLE WATER WAS SARDSTOWN SAXIER HARLAN WATER WAS SEAVER CAM	0381 0389 0450		8 2	37 48	82 36 83 53 85 28 83 20 86 52	837	1	7A CORPS DP ENGINEERS 110 JOHN R WHARTON 7A MRS POPE SISCO 410 CYRUS S LAYSON 5P E G YOUNG	2 3 5 7 3 4 3 3 4 2 3 5 7	LOCISVILLE UPP LOCISVILLE WB LOWELACEVILLE LDCAS MADISONVILLE 1	SE	4956 4967 5002 5067	JEFFERSON JEFFERSON SALLARD SARRER HOPEINS	3	36 58 36 53 37 19	85 48 85 46 88 50 86 02 87 29	479 435	NIO M SP 7A	IO OS 6P BLA 10 CEC 7A J W	ENGINEERS WEATHER BUREAU INE MALONE IL H ERITT MC COY	3 2 3 4 5 2 3 5 3 4 2 3 4 5	
HENHAM SENTON HEREA COLLEGE SEREA WATER WORKS HOSTOR 2 SW	0611 0619 0624	HARLAN MARSHALL MAGISON MADISON NELSON	9 4	36 5I 37 34	82 57 88 21 84 18 84 16 85 42	380 1070 1100	8A 6P	8A C C WBITEAKER 410 WILLIAM NELSON 6P JAMES A CROSSMAN 7A MRS L 8 GAFFARD 8A MRS PAULENE CDY	2 3 5 7 3 4 2 3 4 5 3	MAMMOTH CAVE P MANCHESTER MAYFIELD SUBST MAYFIELD 2 S MAYSVILLE OAM	33	5110 5230 5232 5232 5243	GRAVES MASON	6 6 7	37 09 36 44 36 42 38 38	86 06 83 46 88 39 88 38 83 42	800 450 384 364 524	7A 5P 6A	7A EAR 1'VA 5P MRS 6A COR	JOE PATHE LPS OF ENGINEERS	2 3 5 2 3 5 3 2 3 5 2 3 4 5	7
SOWLING GREEN SOWLING GREEN SUBSTA SOWLING GREEN WE AP BRENT OAM 36 BROWNSVILLE LOCE 6	0307 0909 0978	WARREN WARREN WARREN CAMPHELL EDMONSON	3 3 7	37 OI 36 58	86 26 86 26 86 26 84 25 86 16	489	MIO	7A JAMES R EOWARDS TVA 410 US WEATHER SUREAC 7A CURPS OF ENGINEERS 7A CORPS OF ENGINEERS	3 3 2 3 4 5 7 3 3	MC EINNETSSURG MICOLESSORO MICOLESSORD RE MICOLESSORD RE MILLERSSURG	STA	5389 5384 5407 5430	WOOOFORD HOURRON	2 4 5	38 36 36 37 36 37 38 07 38 18	84 42 84 09	610 1128 1130 805	5P M	IO HUG IO FRA 5p JOH 8A W T	INDA A AOLICE OH ALLEN INTE M TALIAFERRO ON H NOGENT F ALEXANDER	2 3 4 2 3 5 3 4 3 3 4	7
SURGIN OIX OAM SURNSIOE CADIZ LOCK E CAMPEBLLSVILLS CARROLLTON LOCK I	1156 1206 1256	MERCER PULASE1 TRIGG TAYLOR CARROLL	2 2 3	37 48 36 59 36 46 37 20 38 41	84 43 84 37 87 58 85 21 85 11	770 705 424 777 480	4P 5P	8A C W WILLIAMS 7A SARAF E LEWIS 7A CORPS DF ENGINEERS 6P ALVA MC KINLEY 7A CORPS OF ENGINEERS	2 3 5 6 3 3 2 3 5 3 4	MILLERSTOWN MONTICELLO MOREJORAD STA T MOUNT STERLING MUNPDRDVILLE	EACH CDL	5524 5555 5640 5684	MONTGOMERY	5 5 3	36 03 37 16	86 03 84 51 83 26 83 57 85 53	580 910 770 930 600	5P	7A E D SP FRE 7A HUB	B D M LAWLER D COOPER C HAGGAN ED CARTMILL BERT H HODGES	3 3 3 4 2 5 5 3 4	
CENTRAL CITY WATER WES CLINTON COLLEGE SILL LOCE 11 COLUMBIA CONSTANTINE	1631	WUSHLENBERG RICKMAN MADISON ADAIR 8RECKINRIDGE	6 4 3	37 19 36 4I 37 47 37 06 37 40	87 07 89 00 84 06 85 18 86 14			MID WILLIAM A GATES MID WOOGSON O FRANKLIN TA CORPS DF ENGINEERS TA MRS HAZEL 8 PICKETI MIO WRS GLENNIE L SHARU	3 4 3 4 3 3 3 3 4	MURRAY OLIVE HILL 1 M OLNEY DNEONTA GAM 35 DWENSHORG	iw S	6012 6020 6033 6091	CALLOWAY CAPTER HOPKINS CAMPSSIL OAVIESS	7 7 7 7	36 36 38 18 37 13 38 58 37 46	85 20 83 1I 87 47 84 18 87 09	600 752 380 487 420	6P	BA ART BA COP TA VIR	RRAY WATER SYSTEM TTA ORA BOOPER F O WILLIAMS RPS OF ENGINEES RGIL P CLARK	2 3 5 3 4 3 2 3 5	7
CORBIN CAA CORBIN WATER WORES COVINGTON WB AIRPORT CYNTHIANA OANVILLE	1806 1855 1996	WRITLEY WHITLEY KENTON HARRISON SOYLE	7 5	36 58 36 57 39 04 38 23 37 39	84 08 84 06 84 40 84 18 84 46	1070 869 684	міо	MIO CAA 7A CORBIN WATER WORKS MIO US WEATHER BUREAU 7A MARSHALL BILL 7A R P COLDIRON	2 3 4 5 7 2 3 4 5 7 2 3 4 5 7 2 3 5 7	OWENSBORO OAM PADOCAH PADUCAH SCS NU PADOCAR CAA AR PAINTSVILLE	DRSERY	6115 6117 6110 6136	OAVIESS MC CRACKEN MC CRACKEN MC CRACKEN JOHNSON	7 7 1	37 47 37 06 37 04 37 04 37 49	87 08 88 37 88 35 88 46 82 48	410 620	MID	7A JES	RPS DF EMGINEERS STERN P LACKEY IL CONSERV SERV H CIVIL AERO ADM SSE FAIRCHILD	2 3 4 5 3 4 2 3 4 5 3	7
OAVELLA DELPHIA 1 R DEMA OUNDER SARRETTS FORD SP DUNNOR	2132 2139 2356	MARTIN PERRI ENOTT DNIO WUMLENBERG	1 1 3	37 48 37 02 37 25 37 33 37 05	82 32 83 07 82 48 86 43 87 00	850 430		HIO HERTHA OE LONG 5P RALPH R SEALL 8A HATTIR H SARNEY 7A J L HUFF 7A N O GIVENS	3 4 3 3 3 4 3	PINEVILLE PINEVILLE PLEASUREVILLE PRINCETON RAVENNA LOCK I	2 5	6384 6435 6575 6679	SHELBY CALDWELL ESTILL	2 4			529 631	5p	7A P E 6A E S 5P ALT 7A COS	WEATHER SUREAD PARTIN B MORGAN TON M HARVILL RPS OF ENGINEERS	2 3 4 5 3 2 3 5 3	7
DUNNVILLE SOCYVILLE LOCK F EDMONTON ELIZABETHTOWN FALMOUTE	2443 2463 2514	CASEY LYON METCALFE HARDIN PENDLETON	3	37 13 37 03 37 00 37 42 38 40	84 58 88 05 85 37 85 52 84 26			8 A LINNIE O TARTER 7A CORPS DF ENGINEERS 7A JOHN H MORAN 7A ROSERT E SETTLE 8A JESSIE OLDHAM	3 3 3 4 3 3	RICHMOND E STA RUMSEY LOCK 2 RUSSELLVILLE RUSSELLVILLE SADIEVILLE WAS	SUBSTA TER WORES	7039 7049 7054 7074		3 3 4	37 44 37 32 36 51 36 50 38 23	\$4 18 87 16 86 53 86 54 84 \$2	384 590 576 890	60	6P OR TVI	CRARD E ZETSING	2 3 5 3 4 2 3 5 3 4	
FARMERS FLEMINGSBURG FLEMINGSBURG POST OFFIC FORD LOCK 10 FORDS FERRY OAM 50	290 290 295	ROWAN FLEMING FLEMING MAGISON CRITTENDEN	5	38 09 38 25 38 25 37 53 37 28	83 33 83 43 83 44 84 15 88 06	870 750 593	7A 6P	7A WRS C C STAMPER 7A SYRON F FLEWING MAURICE D CARPENTE 6A CORPS OF ENGINEERS 6A CORPS OF ENGINEERS		ST JOHN SETHLE ST WARY SALVISA LOCK ( SALVERSVILLS SCIENCE SILL	6	7096 7121 7129 7202	MARION MERCER MAGOFFIN PULASKI	8 4 5 2		83 04 84 39	730 520 900 1065	62	7A COL 1D J I 6P WII	STER S M GSSLL MARY COLLEGE RPS OF ENGINEERS M MAY LLIAM B DOSSS	2 3 5 3 4 3 3 4 2 3 5	7
FRANKFONT LOCK 4 FRANKLIN WATER WORKS FRENCHBURG GEORGETOWN WATER WORKS GEST LOCK 3	303- 305 319	FRANKLIN SIMPSON MENIFEH SCOTT HENRY	3	38 13 36 43 37 57 38 12 38 25	84 52 86 34 83 35 84 33 84 53	691 930 880	6A	6A CORPS OF ENGINEERS 7A HERMAN O NEAL 5P FRENCHBURG SCHOOL 8A JOE W ATEINS 7A CORPS OF ENGINEERS	3 4 3 3	SCOTTSVILLE SERRE WATER I SHELBYVILLE 2 SHEPLERDSVILLE SWITHFIELD 4:	WORKS W E S	7234 7324 7334 7473		8 8		85 16	360 825 450 862	8P 5P	5P SE 6P WI 7A CD WIO F	HREE WATER WORKS LLA 8 A RATTA NRAD MARAMAN W SIMPSON	2 3 5 2 3 5 3 4	,
GLASGOW GDDMAN AFBU FT ENDX GRANT GAN 38 GRANSON GREENSBURG	328 335 339	L SARREN D HARDIN S SOONE 1 CARTER O GREEN	1	37 00 37 54 38 59 38 19 37 16	82 57	506 589	74	7A EMILY M. SEAM MID US AIR FORCE SA CDRPS DF ENGINEERS SA SHIRLEY I STATEN 7A MRS MELL M LINGLE	2 3 5	SOMERSST RIWA SPRINGPIELD STEARNS SUMMER SHADE : TATHAM SPRING	SUBSTA S	7604 7677 7805 7924	PULASKI WASHINGTON MC CREARY METCALPE WASBINGTON	8 2 3 8	37 07 37 41 36 42 36 53 37 52	85 14 84 29 85 40 85 08	738 1420	3	MIO C TV.	C DEDMAN	3 4 3 4	
GREENSBURG BIWAY 61 BR GREENUT DAW 30 GREENUTILLE 2 W HALEYS MILL HARTFORD 6 N	344 345 353	GREENUP GREENUP 1 MUHILENBERG 9 CHRISTIAN 2 DH10	1 1	37 15 7 38 37 3 37 12 3 37 03 3 37 32	87 21	540 2 519 0 740	5p	7A KENNETH STOTTS 7A CDRPS DF ENGINEERS 5P C R LOVELL MID CLEATUS E HRINKLET 3P W R CARSON SR	3 4 3	TATLORSVILLE TOMPEINSVILLE TOMPEINSVILLE TURKEY CREES TYRONE LOCE 5	TEL DFF 8CHOOL	808D 8065 8144 8178	ANDERSON	3 9 4	38 02 36 42 36 42 36 45 38 02	88 05 84 51	899 899 350 524	,1	7A MR TA CO	S EATHETN B CARR MES T PHILPOTT IS ALICE H HALE A MRPS OF ENGINEERS MRPS OF ENGINEERS	8 4 3 3 3 3	
HAZARD HEADQUARTERS HEIGELBERG LOCK 14 HENDERSDN 4 SW HERRIDDN	372 374 376	9 PERRY 2 NICHDLAS 1 LEE 2 HENDERSON 8 CHRISTIAN		37 15 38 24 4 37 33 7 37 47 2 36 44	87 3	7 860 6 663 7 382	6P 5P 6P	MID H A BALLET 6P MES G L JENNINGS 6A CORPS DF ENGINEERS 6P FRANK STREET MID C W KEATTS	3 4 2 3 5 2 3 4 5 7 2 3 5 3 4	UNIDATOWN CAM VALLET VIEW L VANCEBURG DAM WATNESBURG 6 WEST LISERTY	OCE 9 32 E	8248 8259 8488 8551		4 7 2 5	37 46 37 51 38 38 37 22 37 55	84 34 83 15	571 525 1215	7.6	7A CD 7A CD 7A FR 7A JO	MEPS OF ENGINEERS MEPS OF ENGINEERS MANE HOECE MEN W TURNER	3 3 2 2 3 5	
HICESVILLE HIGH SRIDGE LOCE 7 HINOMAN SETTLEMENT SCH HDDGENVILLE NAT PARE HDPEINSVILLE 2 E	383	1 GRAVES 7 JESSAMINE 9 KNOTT 9 LARUE 4 CHRISTIAN		9 36 48 4 37 49 4 37 20 3 37 32 2 36 52	84 4 82 5 85 4	9 108D	8A 7P	MIO ERNEST L. WRIGHT 8A W K MORRIS	2 3 5 7 2 3 4 2 3 5 7	WILLIAMSHURG WILLIAMSTOWN WILLOW LOCK 1 WDLFE CREEK D WOODHUBY LOCK	AM : 4	8714 8724 8807	WHITLEY GHANT LEE RUSSELL BUTLER	5 4 2	36 44 38 38 37 36 38 53 37 11	84 34 84 34 83 56 85 08 86 38	943 646 610	7A 6P 8A	7A CO 8A CD	MARLES H WEST ISS N B GIMPSON RPS DF ENGINEERS RPS DF ENGINEERS RPS DF ENGINEERS	2 3 5	6 7
EYDEN IRVINGTON JACESON JENKINS JEWEINS WATER WORES	416 419 423	3 LESLIE 5 HRECKENRICK 6 SREATHITT 6 LETCHER 1 LETCHER	H	4 37 10 3 37 53 4 37 33 1 37 10 1 37 10	86 1 83 2 82 3	7 646	79	8P MRS FDREST CAMPBES 7P FLOYD G ROBBINS 7A MR W M GILLESPIE MID HIRBERT ELKINS 7A BILLEE L. WILLIAM	3 3 4 3	NEW STATE		3714	PERRT	4	37 15	83 1	840		7A HU	TRCHELL MUNCY	3	
JEREMIAH MEENE 2 M MEENTUCKY OAM LANCASTER ICE PLANT LAURA	431 441 461	55 LETCHER 59 JESSAMINE 64 LIVINGSTON 60 GARRARD 82 WARTIN		4 37 10 4 37 58 9 37 03 4 37 33 1 37 43	84 3 88 1 84 3	8 950 6 362 5 1032		TA MRS SUSAN F ISDN TA MARION W MAHIN TA TVA 8A KENTUCKY UTIL CD 8A JAMES A FIELD	3 3 3 4 3													
LEITCHFIELD LEXINGTON W8 AIRPORT LIBERTY LITTLE BICKMAN LOCE 8 LOCEPORT LOCE 2	47 47 48	GRAYSON S FAYETTE S CASEY 25 JESSAMINE 57 HENRY		3 37 29 4 38 02 3 37 23 4 37 43 4 38 26	84 3 84 3 84 3	6 979 5 560	MI	SA GEDRGE D LITSET MID US WEATHER HUREAU 7A PALLIA L HANKLA 7A CORPS DF ENGINEER 6A CDRPS OF ENGINEER	2 3 5 7 2 3 4 5 7 3 4 6 3 4 6 3	† DRAIWAGE CL	DDE: 1 Big 7 Dhi	8810	dy; 2 Cumberl Salt; 9 Tenn	and;	3 Gre	en; 4	Käntuci	ky; 5	Lickin	ng; 6 Mississippi		

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 86W, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December Issues of this bulletin.

Mosthly and enanousl mostall for the preceding 12 months will be carried in the June Issue of this bulletin.

Stations appearing in the Index, but for shich data are not listed in the tables, are either missing or received too late to be included in this issue

Unless otherwise indicated, dissentional units used in this bulletin are: Temperatures in '7, precipitation and evaporation in inches, and sind sovewest in miles. Proporation is secured in the student Weather Duries type pan of 4 foot dissector unless otherwise shown by footnote following Table 5.

Slest and bail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not abown.

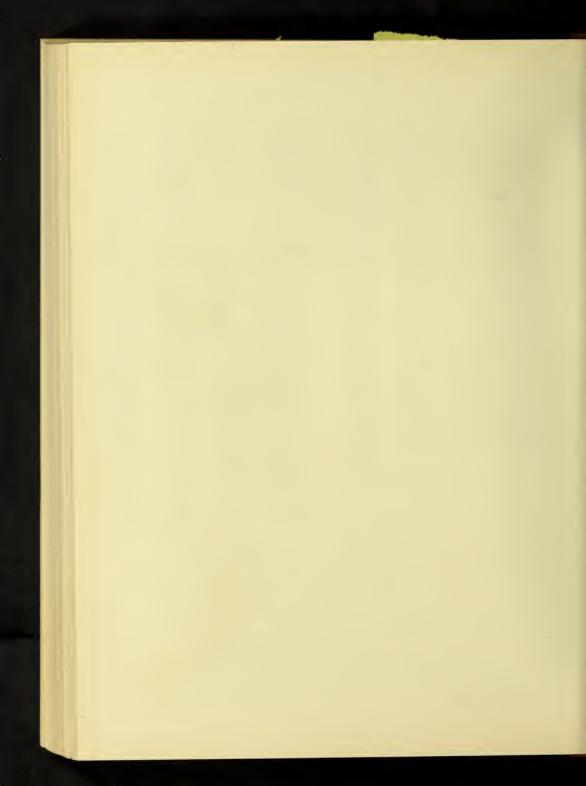
Amounts in Table 3 are from mon-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 8 and smooffeld data in Table 7 are for the 3t hours ending at time of observation. See the Station lades for observation time. Some on ground in Table 7 is at observation time for all except Fester Durens and CAA stations. For these stations more on ground values are at 7:30 p.m. Eid.T.

From in Table 7 is at observation time for all except Testher Durans and CLA attitions. For these attitions made on ground values are at 7:30 p.m. E.0.T.

No record in Tables 9, 4, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. There boarly precipitation is missing or accumulated for energy days. The property of the state of the sta Subscription Price: 15 casts per copy, mentify and security 11.00 per year. (Tearly subscription includes the Annual Summery.) Checks, postal inter and many orders about be sade persons or the United States. Resittances and correspondence regarding subscriptions about be sent to the Waster Emcords Processing Center, 0.00 Pentitive Outsides, C. Lattanoga 3, Tennance. W.S.P.C., Chattanooga, Team. --- 7/25/50 --- 950





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# U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

# **KENTUCKY**

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JUNE 1950

Volume LV No. 6



### KENTUCKY - JUNE 1950

O. K. Anderson, Section Director - Louisville

### WEATHER SIMMARY

The warm moist weather of May was followed by a cool and wet June. Temperatures averaged below normal but precipitation was again well above the monthly average. June was the third wettest month of that name on record. Severe lightning and rainstorms again took their toll. Frequent rains that were in many places torrential did quite a bit of damage to crops.

Day to day variations in temperature were generally not great and cool days were usually followed by warmer periods. However, weekly averages were generally below or near the seasonal levels throughout the month. The single exception to this was the week of the 20th through the 27th. This was the warmest period of the month and the average temperature was about 3 degrees above the normal. The warmest period of the month and the average temperature was about 3 degrees above the normal. The highest temperatures for the month were generally on the 25th, 26th or 27th, throughout the State. The lowest readings occurred on the 4th or 5th in all parts of the Commonwealth. Practically all sections of the State had negative departures from the normal. The mean temperature for the State was 72.1°, which is 1.8° below normal. The monthly mean temperature ranged from 75.0° at Paducah and Russellville to 69.0° at Mammoth Cave Park. The highest temperature recorded in the State was at Owensboro and Russellville on the 26th and at Shepherdsville on the 24th. The lowest was 32° at Mammoth Cave Park on the 5th.

Precipitation again was above normal. The distribution of rainfall was very irregular and stations located in the same general area received widely varying amounts. Often the showers were accompanied by severe thunderstorm activity and strong winds. Damage to crops and industry resulted from these storms. Only a few stations in the western sections received less than their normal for the month. The average precipitation for the State was 6.60 inches, which is 2.39 inches above normal, making this the third wettest June on record (since 1889). The total amounts recorded at the various stations ranged from 14.08 inches at St. Mary to 2.65 at Owensboro. The heaviest rainfall reported in any one day was 6.48 inches at St. Mary on the 14th.

The frequent and often heavy rains in June washed out or "mudded over" considerable corn and tobacco The frequent and often heavy rains in June washed out or "mudded over" considerable corn and tobacco and damaged hay. However, many farmers have done considerable replanting and by the end of the month had made rapid progress toward getting grass and weeds cleaned from row crops. However, bottom lands were still too wet for this activity. Tobacco setting was mostly finished, but the heavy rains of the month have forced considerable resetting on washed out slopes or where mudded over in low spots. Corn was in various stages of development. Some had just been planted due to wet weather in May and June, while many fields that were planted earlier are tasseling. Small grains were good during the month, but considerable lodging occurred before harvesting could be completed. The moist weather of the month has made pastures excellent in nearly all sections. The strawberry season was finished during the month and tomato picking in small quantities began in western counties.

Storms during the month were recorded in Louisville, Boyd County, Fort Knox, West Morehead and in Storms during the month were recorded in Louisville, Boyd County, Fort Knox, west Morehead and in several cities in Central Kentucky. One fatality attributable to a flash flood occurred in Boyd County. Two people were injured by lightning in Louisville. About \$10,000 damage to building material was caused by a wind and rainstorm at Fort Knox. Showers along the Green River on the 20th and 21st resulted in flood stages for a short period at Munfordville and Woodbury. Damage, if any, was very small. Heavy rain on the 19th, 20th and 21st caused the Licking River to rise above flood stages at Falmouth and near flood stages at Cynthiana and Farmers. Damage again caused by the floods was negligible .--- W.S.

### ACKNOWLEDGMENTS

ACENORLE In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Bydroclimators. The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the corps of the state of the s

Previous to the introduction of this bulletin series, data from Hydroclimati Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal require-ents of the Federal agoing the state of the state of the state of the states, but since the Network was established to meet the internal require-ents of the federal agoing the state of the state

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, a individuals as listed in the Station Index.

	Wind	direction		Wand	speed p. h		Relati	ve hum	idity ave	rages		Numb	er of d	ays with	precip	itation			inset	
Station	Prevailing	Percent of time from preveiling	Average	Fastost	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	60 -10	10-49	80-98	1 00-1 99	2 00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to si	Degree day
LEXINGTON WE AP	SSW	33	8.8	-	-	-	87	83	61	69	4	8	1	2	2	0	15		5.8	5
LOUISVILLE WE AP	S	13	8.6	54	SW	18	84	83	58	82	9	3	2	2	3	0	19	70	5.8	3

### COMPARATIVE DATA

	T	em peratu	II 0	Pı	ecapitatio	on.	
Year	Average	Highest	Lowert	Average	Average	No. of days .01 or more	Y.
1889	70.6	99	38	5.27			191
1891	78.4	101 97	51	4,96			191
1892	75.8	101	51	4.48			191
1893	73.3	97	48	4.64			191
1033	73.3	31	20	4.04			191
1894	75.6	102	35	2,69			191
1895	75.9	104	47	3,63	0		191
1896	73.5	98	46	4,64	0	10	191
1897	73.4	101	41	3,61	0	9	192
1898	76.2	101	45	3.90	0	9	192
1899	76.1	100	44	2.80	0	8	192
1900	73.9	100	40	6.14	0	14	192
1901	75.6	104	42	3.97	0	9	192
1902	73.4	101	39	4.75	0	11	192
1903	68.6	96	37	3.61	0	10	192
1904	73.2	99	48	3.14	0	11	192
1905	74.8	106	45	4.49	ő	10	192
1906	73.9	99	42	1.53	ō	11	192
1907	70.2	95	41	4,87	0	11	193
1908	73.4	102	43	4.36	0	7	193
1909	74.5	99	43	5.03	0	14	193
1910	70.0	99	36	5.20	ō	10	193
1911	75.2	106	45	4.06	ō	10	193

Table 1

	Te	mperatu	re	P	recipitatio	on	
Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	The second secon
1912 1913 1914 1915 1916	70.2 75.0 78.3 71.7 70.1	95 107 108 95 99	38 38 45 42 45	3.48 2.87 2.30 4.79 4.94	0 0 0 0	10 7 5 12 11	
1917 1918 1919 1920 1921	70.9 73.6 76.7 71.9 77.8	100 104 103 100 100	39 37 <u>51</u> 44 46	4.30 3.63 4.00 3.12 2.90	0 0 0 0	10 8 10 7 8	
1922 1923 1924 1925 1926	75.4 73.8 74.2 77.0 70.9	100 99 99 105 98	44 42 42 48 42	3.10 4.59 4.39 3.90 3.45	0 0 0 0	9 9 12 7 8	
1927 1928 1929 1930 1931	70.4 69.5 71.7 73.1 75.3	98 93 97 104 106	42 45 37 38 39	4.13 10.88 4.11 1.76 2.80	0 0 0 0	11 18 9 6 8	
1932 1933 1934	74.8 76.5 77.4	103 105 105	40 39 50	4.88 1.57 4.58	0 0 0	11 4 6	

	Te	emperatu	10	P	recipitatio	on.
Year	Āverage	Highest	Lowest	Average	Average	No. of days
1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949	70.5 76.1 74.3 71.8 75.1 74.7 74.7 77.5 77.6 71.6 73.1 72.1 73.8 74.8	96 110 99 95 97 100 103 98 100 107 98 98 98 99 97	44 40 46 45 47 44 41 46 40 37 38 40 37 40 32	7.50 0.81 4.52 3.93 6.00 3.39 4.67 5.54 4.04 1.70 5.32 4.17 4.17 3.35 5.52 6.60	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 3 10 11 14 11 11 12 10 6 11 8 10 9
PER10D	73.9			4.21		

Table 2																	JUNE	1950
	-	,		Temperat	ure								Precipitatio					
Station	Average	Departure from Normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32* or below	Total	Departure from Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or more	o. of Days	1.00 or more
WESTERN DIVISION																		
BEAVER DAM FORDS FERRY DAM 5 GREENVILLE 2 W BENDERSON 4 SW BOPKINSVILLE 2 E	73.2 74.8 72.9M 73.0 73.4	- 1.3 - 1 4 - 3.7 - 2 0	94 94 92 94 94	26 26 26 26 26 26	48 52 47 49 48	5 5 5 4 5	8 7 2 5 6	0 0 0 0	6.87 5.23 4.20 4.87 8.86	3.16 1.74 31 1.15 4.57	1.85 1.86 .96 1.54 3.53	10 4 21 3 21	0.0 0.0 0.0 0.0			13 9 8 9	7 8 7 5 9	2 1 0 3 2
LOVELACEVILLE MADISONVILLE 1 SE MATFIELD 2 S MUTRAY OWENSBORO	74 8 73.3 73 4 74.6 74.4	- 1.0 - 2.1 - 0.7 0.2	94 92 95 95 96	26 25 26 18 26	49 49 47 46 49	5 5 4+ 5 4	7 6 7 10 6	0 0 0 0	5.73 5.02 8.38 3.67 2.65	1.27 4.65 36 - 1.29	1.42 2.24 2.58 1.11 86	3 4 20 3 4	0.0 0.0 0.0 0.0			8 8 7 7 8	7 6 6 5 5	2 1 3 1 0
PADUCAB CAA PADUCAB PRINCETON RUSSELLVILLE	74.9 75.0M 72.9 75.0	- 2.1 - 2.7 0.2	95 94 91 96	26 16+ 26 26	50 50 49 49	5 5 5 5	8 7 4 9	0 0 0	4.58 4.17 7.24 9.13	3.22 5.68	1.96 1.20 3.96 2.76	13 3 3 20	0.0 0.0 0.0 0.0			8 7 5 8	5 5 7	2 2 2 3
DIVISION	74.0								5.76									
CENTRAL DIVISION																		
ANCSORAGE BOWLING GREEN WB AP BURGIN DIX DAM CAMPBELLSVILLE COVINGTON W B AIRPORT	70.9 73.1 72.4M 69.1 69.3	- 1.3 - 3.0 - 2.3	93 93 92 91 92	26 26 26 26 26	47 48 48 46 46	4+ 5 5 5 4	3 5 6 2 1	0 0 0 0	9.33 5.19 7.00 6.63 5.03	5.49 1.35 2.55	3.17 1.35 1.73 1.81 1.51	19 22 11 14 19	0.0 0.0 0.0 0.0			13 9 8 14 13	6 6 7 5 6	4 2 5 2 2
DANVILLE FRANKFORT LOCK 4 GREENSBURG IRVINGTON LEITCHFIELD	71.3 71.0 71.5 72.3 72.1	- 1 2 - 2 8 - 1.9 - 1.8 - 1.4	92 93 92 91 92	27 27 27 26 26	48 49 48 49 51	5 5+ 5 5 4+	2 5 1 3 4	0 0 0 0	6.87 7.58 8 45 5.89 6.78	2.69 3.61 3.98 1.80 2.61	1.53 3.32 2.70 1.86 1.87	20 19 20 3 11	0.0 0.0 0.0 0.0			14 12 9 12 10	5 4 7 7 7	4 3 2 1 3
LEXINGTON WB AIRPORT LOUISVILLE STAN W B AP LOUISVILLE WB CITY MAMMOTE CAVE PARK ST JOBN BETHLEHEM ACAD	71.1 73.1 69.0 69.5	- 1.1 - 0.4 - 4.0 - 3.3	93 95 92 91	26 25+ 26 27	50 50 32 47	5 4 5 5	2 5 5 2	0 0 1 0	4.17 7.01 7.62 5.77 6.87	3.19 3.80 1.37 2.67	1.35 1.75 1.87 1.68 2.90	19 3 19 20 4	0.0 0.0			11 10 8 13 9	4 6 6 7	2 3 3 1 2
SCOTTSVILLE SBELBYVILLE 2 W SHEPBERDSVILLE SOMERSET 1 N	72.8 72.0 72.5	- 1.2	94 92 96 91	26 25+ 24+	44 49 47	5 4+ 5	9 2 7	0 0 0	5.95 10.15 9.10 6.26	5.87	1.68 3.24 2.34	10 19 4	0.0 0.0 0.0 0.0			11 14 8	6 5 6	2 4 4 3
WILLIAMSTOWN WOLF CREEK DAM	73.8	- 1.6	94	27	46	5	9	0	10.19		2.15	11+	0.0			11	8	5
DIVISION	71.5							1	7.06									
EASTERN DIVISION																		
ASBLAND DAM 29 BENHAM BEREA COLLEGE CORBIN CAA FARMERS	72.4 71.5 71.4 70.3 69.9M	- 0 9 - 1.7 - 1.9	95 95 91 90 94	26 27 26 23+ 26	49 43 45 43 42	5 5 5 5 5	6 8 1 2 7	0 0 0 0	5.99 5.61 4.97 5.03 8.80	1.78 .34 4.41	1.27 .96 1.10 1.28 2.60	4 4 10 20 19	0.0 .T .T 0.0			12 12 11 13 13	7 9 5 6 9	2 0 2 1 3
HEIDELBERG LOCK 14 BINDMAN SETTLEMENT SCB MANCHESTER MAYSVILLE DAM 33 MIDDLESBORO	71.3 70.6M 73.2M 69 1 72.9	- 1.4 - 3.8 0.4	92 92 94 92 95	26 27 27+ 27 26	44 43 50 47 48	5 5 7 5 5	3 3 10 1 9	0 0 0 0 0	6.44 7.56 7.49 7.63 5.80	1.92 3.64 1.24	1.25 1.73 1.52 2.25 1.67	11 21 20 21 20	0.0 0.0 0.0 0.0			13 15 10 14 9	7 9 9 6 6	3 4 3
MILLERSBURG MLTRY INST MOUNT STERLING PIEEVILLE RICEMOND TEACHERS COL WEST LIBERTY WATER WES	72.4 73.7 70.0 72.5M	- 0.5 - 1.3 - 3.5	94 95 91 91	25 26 27 24+	49 49 44 47	5 5 5 5	6 8 1 4	0 0 0 0 0	5.98 5.25 8.10 9.51	1.35 .91 3.86	1.14 1.90 3.10	20 21 19	0.0 0.0 0.0 0.0			14 18 12 13	6 8 8	2 3 4
WILLIAMSBURG	72.1	- 1.9	93	26	46	5	6	0	5.18	.77	2.15	21	0.0			8	6	2
DIVISION	71.6								6.62	0.50								
STATE	72.1	- 1.3							6.60	2.39		L						

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# DAILY PRECIPITATION

MENTUREY JUNE 1950

Table 3																															JUNE
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	of m	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LDDISOW DAW 46 2 LDOLPHUS 1 N ALLEN LENCHORAGE LSECTAMP	.15	,03	24 .26 .13 1.59	2.10 .75 .66				т	.03	.16	.06 I.15 .66		, 19	.16 .26	.76 .06	. 27	.06	.16.	.46 3.17 .40	.06 .04 1.42 .68	.34 .45 .66 .04	,10 .03 21 .63	T .45 .66		27						4 3 3 9
SHLAND DAM 29 MARBOURVILLM WAT2N WK W MARBSTOWN MARISTOWN MAXIER MARLAW WT6 WKS R MKAVEN DAM	. 13	.03	.53 1.09 .70 1.30	1,27 .23 .41 .31	1.61			. 21	.66	T .64 .26 .65	.78		. 48	.32	6.0W .12 .80	. 29 . 03 . 05	. 36		. 18 .07 24 1.12	. 73	.76 90 27 .61	06 .11 .27 .62	. 12	06	.06	.02					6 6 1 3 6
EMIAM EMTON W EMEA COLLEGE 2 EMEA WATER WORKS EDSTON 2 3W	, 33 , 06 , 04	. 10	.03 .61 .26					т	.02	.06 1.10 .21 .35	.41		. 58 T	.17 .10	.14	.48		.70	.84 .71 .21 .26 .12	.75 1.17 1.08 .77 1.34	.55 .03 1 .12 .88 .2N	.65 .41 .06	.46		.1)	09			.06		6 6 4 6
OWLING ORREW OWLING GREEN SUBSTA OWLING GREEN W8 AP 2 RENT DAM 36 ROWNSVILLE LOCK 6	Т	.02	.35 .22 .77	.63 T	т			т	T T	.05 .06 .70 1.07	1.14 .02 .01 2.02		. 28	.21 .20 .08 .10	.06 10 T .30	.92	.41		.21 .03 .81 L.50	. 26 1 .34 2 1.13 .30 .32		.06 1	.12 .03		.63	т					6 4 6 7 6
FRGIN DIX DAM FRNSIDE DD12 LOC2 E MPBELLSVILLE RROLLTON LOCK 1 2	. 27	.72	.63	1.15 .83 .81				,21	T T	1.22 .12 .83	1.73 1.53		. 17	28 .18 .76 1.61	. 87	. 17	. 10		.04	1.18 1 1.88 1 1.07 2 1.80	. 20	.33 .87 .12	T .25 .0R		.05	.18					7 9 6 6
NTRAL CITY 6 INTON R LLEGE HILL LOCK 11 LUMBIA LW COLLEGE NSTANTINE R	, 04	.06	1.17						. 14	1.92 .16 .04 1.39	1,00 1,10 .02		. 50	.02	2.54	. 75			.17 .22 1.90	.97 8.04 .50 2 1.92 1	.04 .08 2.15 1.02	.81 .40	. 10								5 7 8 9
RBIN CAA VINGTON W B AIRPORT NTBIANA NVILLE VELLA R	.03	.15 T	.01	.15 1.16 1.04 .35				.03	.94 .27 T .06	.02	T 1,52		T . 29	.07 .13 T	.27 .22 T	.10 .25 .03 .55	.08	. 17	.07 1.51 4.12 .17	1.28	. 32 . 85 L . 44 2 . 55	.14	T T	. 16	.22	T .11		т	.01		5 5 7 6
LPRIA 1 E MA MODEE BARRETIS FRO B R MODE NEVILLE	. 15	. 04	.63	.67 2.68 1.29 1.69				. 18	.02		.75		.06	.40	. 25	. 20	.90		0.0	1.12 1 1.73 .20 1.08 1 4.50 2	05	.80 .12 .15 .60	. 10 . 30 . 88								8 6 6 7
DYVILLE LOCK F MONTON R ISABETHTOWN LNOUTH HM2RS	.06		.32	1.46 1.80 2.15 1.28	1.63				.04	.13	. 24 . 85 . 67 . 40			.92	1.65 .90 T	. 22	.04		.58		1.35 2	36	. 15 .79 .05 .44	. 07	.02				т		? ? 4 ?
MINGSBURG MINGSBURG POST OFF R B LOCK 1 LOS FERRY DAM 5 Z INKFORT LOCK 4	. 04			1.28 .04 1.92 1.86 1.32					, 14	.48 .87 .06 .33	.12 .85 .25			T . 27 . 16	1.77	1.46 .11 .56	.09			.95 1 1.07 .95 1 .34 1.47		10	. 11 T	.01	.01						6 5 7
NKLIH WATES WORKS Z NCEBUNG RESTOWN WATER WORK T LOCK 3 Z SGOW	.03	.03	.31	.81 1.44 1.47 2.52					.10	.42	2.12 1.06 .34 .05			.65	T .61	.05 .48 .41	. 60	1.10		1.63 1.02 1.90 .20	.52 .33 .27		.65		.07						2 6 7 8 6
NT DAW 38 TSON ENSBURG ENSBURG BIWAY 61 B ENUP DAW 3	T .10	.03	.05 .45 .35	1.05 1.61 .95 .87	т				T	.06	.57 .70 .52			.10	.05 .08 2.30 .20	.10	.04		1.81 1.36 T	.52 .75 2.70 2.55	. 18 . 37 . 85 . 76	.02	.17 .03 .20	T .04	T . 19						5 8 7
SERVILLE 2 W LEYS MILL R KITFORD 6 N LARD Z LARD WATER WORKS 8	.03	.11	75	.45 .55 .46				. 05	.02 T .02	. 26	.95 .90 .03 .06		. 40 . 36 . 30	. 28	.09 .15 .21		. 18	T .71		. 14 . 38 . 78 1. 25 1. 78 . 66		.00	.02	Т	.03						5 4 4 6 6 7
DELBERG LOCK 14 2 DERSON 4 SW INDON B KSVILLE E BRIDGE LOCK 7	. 20	т		1.21 .05 1.67 1.24				т	.10 T	.05	1.25		1.10 .56	. 25 . 54 . 15	.05	.18	. 16	:	.40	.22 1.35 3.42 .91	. 63 . 10		.05 T T			.02					7 6 4 7 7 8
DMAW SETTLEMENT SC GENVILLE NAT PARE B 22INSVILLE 2 E EN 'INGTON	. 24		.10 .98 .50	.70 .06 .28					.05 .85	. 27 2. 22 . 33	.79 1.10 .02 .80		. 20	.82	. 15	.16	.47	. 31	. 33	.95 1 .59 .51 3	1.73 3.53 1	.33	.02		.97	.05					7 5 8 8
TEINS BETTER WORKS WEIGHT OF THE SERVICE SERVI	.22	.05	12	.62 .64 1.20 1.45				. 10	-	.70 .39 - .44	.06	-	. 25	.83	.31	. 23	.40	.28	. 15 . 89 . 55 . 65	.97 1.20 1.27 1.65 .78	. 53	01		.20 T	.03	- ,30	-	-	.01		5 5 8 4 5
TUCKY DAM Z CASTER ICS PLANT RA TCHFIELD INGTON WB AIRPORT Z EKTY Z	.08	,06		1.45 1.12 .69 1.39 T 1.77					.05	.17 .12 .30 .64 .78	.90 1.30 1.87		.09	. 25 T	. 18 T .05	.54'		.12	.20 .82 1.35		.59 .61 1	.40 .28 .04 .08	. 60		.11	T					5 5 6 4 8
TLE BICKMAN LOCK 8 Z EPORT LOCK 2 LICK 1 8 //8	. 05 T	.05		1,77 1,39 3,24 ,28 ,09 1,70				.16	. 05	.05	. 22 . 85 . 46 . 01			.42 .01 .12	.07 .02 .75	. 62 . 04 . 02	.06	.34	.88 3.02 .93	1 12	. 85 . 68 . 20	.02	.04		.08	т					5 9 6
1SA LOCK 3 Z ISVILLE BOWMAN FLD B ISVILLE STAW W B A Z ISVILLE WB C ITY R ELACSVILLE R	.05	.02	1 72	Ť				.04	T .01	.01	.96 - T		. 50	1.58 .87 .90	T T	.03 T	.28	1.56 1 1.29 T 1 1.59 1	72 1	1,23 .94 1,69	T	. 15 T	. 04		.10 T			Т	т	т	7 6 7 5
AS R ISONVILLE 1 SB MOTH CAVE PARK CHESTBR FIBLD SUBSTA	Т		1 00	2.24 .70 1.05 1.43				. 09	. 18 T	.40 1.28 .85 .46 .19	.02 .46 .37		.01	.55 .41 .73	. 27	.84			.22	.86	.88	.65 .62 .43 .96	. 12	т		.69					5 7 5 5 7 7
FISLD 2 S SYILLE DAW 33 2 KINNEYSBURG //R DLESBOGO	.16		2.47 .03 1.72	.28 1.40 .06					T .19	.21 .06 .23	. 46	-	. 40	.03	-	.37	.14	.10 3	.35	.80 2 2.58 1 1.05 2 .38 1.67 1	91 25 30	. 53	. 24		.16						8 7
WAY 2 S LERSBURG //R LEBSBURG MLTRY INST LEASTOWN	-	.06	.99 .97 .95	.35		-		.07	.19 .09 .05 .05	.61 .25 .76	1,36	_		.30	.73	.09		2.40 .59 4			.12	. 15	.01		.09	.01	.02				5 5 9
TICBLLO  REHEAD STA TEACH CO R INT STERLING FRANCE Z	.12	. 45	. 17	.68 1.05 2.01 1.50 .65				.03	.14 .11 .77 .01	.16 1.10 .26	1.36 1.41 .02			.44	.50 .77 .48	.02 .76	. 20	1.20		.92 1	., 31	.82	.02		.07						12 5 3 3 7
IVE BILL 1 NW Z		.31	1.11	.03				Т		T 1.12			. 63		. 19	.17	.01	. 37 2	.21	.52	.80 .91 .39	. 26			.01						3 7

See reference notes following Station Indo

Tab	10 3-	Cont	bannid	

# DAILY PRECIPITATION

		_			_										Day	v of m	onth														JU2	NE 1950
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
OLNEY ONEONTA OAM 35 OWENSBORO OWENSBORO DAM 46 Z PADUCAS CAA		.05	.48	2.13 1.51 .86 1.23					.31	.25 T	.25 .01 .06 .07		1.96	.80 .13 .33 .43	. 28		. 20		1.70 .06	.78 .22 .19	1.55 .14 .38 .35	.96 .04 .04	.62	T	.28			т				6.02 6.01 2.65 2.92 4.58
PADUCAS PAOUCAH SC9 NURSERY R PAINTSVILLE PIKEVILLE Z PINEVILLE	.05	.02 T	1.20 1.40 .06 .26	.96				.01	.12 .11 .04 .01	.18 .03	1.05		1.06	T .02	T T	T .13 .45	T .07	. 20	2,01	1.02 1.52 1.14	, 85	.40 .20 .21 .70	T .04 .26	.02	.43	.65			.14			4.17 4.56 7.20 5.25 7.06
PLEASUREVILLE 2 S PRINCETON RAVENNA LOCK 12 RICSMOND TEACHERS COL RUMSEY LOCK 2 Z	. 28		3.96 .47 .42	1.00 1.82 2.22					т	.38 .79 .03	.75 .61 .80			.52		1.02	.08		1.80 1.06 .86	.49 .55	.42 .67 .46 1.90 1.12	.02	.45			.28						8.13 7.24 5.72 8.10 6.55
RUSSELLVILLE RUSSELLVILLE SU8STA SAOIEVILLE WATER WORK R ST JOHN SETHLEHEM ACA ST MARY			.33 .35 1.43 .30 1.72	.87 .01 2.90		-	-	09	. 18 - T	1.12 1.18 T 2.25	.76	-	-	.45 .43 .23 6.48	.70	. 22	-	-	1.77	2.76 2.49 .32 1.45		.03 T	.65		.01 T							9.13 9.25 - 6.87 14.08
SALVISA LOCK 6 SALYERSVILLE SCOTTSVILLE SCOTTSVILLE SEBRES WATER WORKS SHELBYVILLE 2 W	.01	.14	.62 .85 1,53	,35				.60	.07	1.53	.03		1,03	.23	.20			. 10	1.42	1.31 .58 .25 1.13 1.55	.30 .70 .16	1.45	T .02		.11	Т						5.91 6.44 5.95 5.00 10.15
98EPHERDSVILLE SMITHFIELD 4 9 R SOMERSET 81WAY OEPT R SOMERSET 1 N SPRINGPIELD	.02		2.33	.06	_	-	-	-	.15	2,29	.18	-	.29	2,25 .77 .88 .21 1,17	.67	.01			1.18 1.80 1.93	.96	.82 .02 .01 .48 .84	.23 .17 .14	т		.16							9.10 9.8 9.70 - 6.58
STEARNS R SUMMER SHAOE SUBSTA TATHAM SPRINGS R TAYLORSVILLE TOMPKINSVILLE R		.30	.36	1.37 1.34 1.35				.11	. 14 . 04 T	1.56 .34 1.41	1.03		.05	.39 .08 .32 1.72	. 23			. 05	.68	.98 .20 .81 1.64 3.21		.60 .03 .08 2.62	1.51		.22							5.55 7. 1 4.38 7.80 9.87
TURKEY CREEK SCBOOL TYRONE LOCK 5 UNIONTOWN OAM 49 VALLEY YIEW LOCK 9 VANCEBURG OAM 32	.08		. 15	.42 1.03 1.41 1.83 1.82									. 95	.12 1.05 .04		.02 1.08	.22		.90	1.95	1.38	.65 .06 T	.01 T		.53	.42						4.79 5.13 4.66 8.19 7.06
WAYNESBURG 6 E WEST LIBERTY WATER WK WILLIAMSBURG WILLIAMSTOWN WILLOW LOCK 13	.46 .25 .03		.23 .15	1.12 1.10 .75 2.45 1.82					. 05	.10 T	.63 .95 1.04 .06 1.15			.16	.13 .17 .02 .15	.25 T .14 .45	. 06		1.82	1.04	2.15	.09 .13 .30 .02	. 20 . 37 . 09 . 05		.13	. 20						6.30 9.51 5.18 6.26 6.30
WOLF CREEK OAM Z WOOOSURY LOCK 4 Z	. 17			1.29					.10		2.15 1.04				1.00					1,45		.01	.87 .85									10.19 8.08

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CENTUCE

Station						A 1	м Но	ır endi	ng									P 1	м Ног	ır endi	ng					2
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	6	6	7	8	9	10	11	12	Tota
													-2	d-												
AUDLPHUS 1 N												01	2	01	03			01	01						. 06	07
BKRKA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1	111												. 01	01					•		•	•	·	•	01	06 01 . 02
CENTRAL CITY CONSTANTINE CORBIN CAA	8											. 01	16		01	. 05										08 17
DAVELLA	0																. 03	•	. 01		.15				. 01	.01
FORDS PERRY DAW 50 FRANKLIN WATER WORKS GEST LOCK S HALEYS WILL									01		. 02	01	. 01										01	. 01	. 01	.04 .03 .05
															. 02	. 01			. 02	. 02						.04
HEIOELBERG LOCK 14 LEXINGTON WH AIRPORT LIHERTY	87												. 08	. 07	.10	. 02								. 02		. 12
LITTLE BICKMAN LOCK 8	80												. 08		. 01		. 01 . 05 . 01								. 01	. 18 06
LONDON S 5W LOUISVILLE WH CITY LOUISVILLE WH CITY										.01	٠			.01			.01	. 07								. 05 . 10 . 04 . 02
									. 03	. 02				.05												. 02 . 05 . 05 . 03
MAYSVILLE OAM 33 MIOOLESBORO RR STA MILLERSBURG													. 02	10		. 01		. 01	. 04	. 01	. 01					.03 .06 22
MOREHEAO STA TEACH COL														10		.11	. 01	. 01								.45 .02
OLIVE HILL 1 NW PADUCAH CAA PAOUCAH SC5 NURSERY																. 28	. 03					. 02				.31
SAGIEVILLE WATER WORKS 5T MARY5 COLLEGE														.01	. 03							. 02				.02 .03 .01
SALYERSVILLE SOMERSET HIWAY OEPT										. 01	. 01		. 1				. 26	.01	. 01	. 01		.02	.01			. 31
TATEAM SPRINGS TOMPKINSVILLE UNIONTOWN OAM 49 WOLF CREEK DAM										.01		•	. 02		. 01	.16	. 04					. 29				.30
UNIONTOWN OAM 49 WOLF CREEK DAM WOOOHURY LOCK 4										. 03	15		. 01	.06										01	. 01	.07
noodda' bock s										. 03	13		2	1												.18
ADDISON DAM 45	//		. 02	. 03	. 01	. 03	. 10	05	.12	.04	. 15	12	-30	. 08	. 30	. 72	. 07	. 04	.11	. 06	. 05	. 03	. 03	.01		2.14
ADOLPHUS 1 N BARBOURVILLE WATER WES BAXTER HARLAN WATER WES	′′	.01	. 02	. 03	. 01	. 03	. 04	. 02	02	. 01	.01					.04	. 13	. 03	.14	.49	. 02	. 15	.12	.02 .11 .17	.01	.90 1.09 .70
BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP		.01	.01	01	. 01	.02	.07	.35	. 29 . 17 . 01	.19	.01 .01 01	. 02		.60	. 02	. 01	. 01	.17 .01	. 08	. 09	. 06	.32	.16	.04	. 02	1.39
CARROLLTON LOCK 1	//	.01		. 01	.01	05	04	.06	09	. 03	.11	.19	. 05 . 05 . 06	.07 .01	.04	.01 .05 .07 .27	. 02 . 01 1 . <b>0</b> 3	.07	. 02	.13	.05	.20	.12	.05	.02	.72 1.26 1.17
CLINTON CONSTANTINE CORHIN CAA	e :		. 02	. 05	. 03	.04	12	41 11	.19	.04	.09	.10	. 06	.01	. 03 06 04	. 27	.03	. 12	.01	. 55	.24				. 1	2.44
COVINGTON W B AIRPORT DAVELLA	6	. 01		.01	. 01	. 01	*		.15 06 .04	.01	02	:	:	:	. 46	:	:	;	. 01	. 02	. 43	. 05	. 08	.06	.07	. 42
DUNGEE BARRETTS FORG BR EDMONTON FLEMINGSBURG FOST OFF			.02	. 01	. 01	. 01	. 20	. 02	.07		. 22	. 03	.08	. 12	. 73	. 09 . 36 . 01	. 01 . 07 . 01	.01 .12 .18	.17	. 57 . 17 . 08	.11	. 07		. 01	. 01	2.63 1.62
PORDS FERRY DAM 50 FRANKLIN WATER WORKS		. 02	. 01	. 01	. 14	.13	.13	.05	.19	. 03	.34	. 01	. 27	.10	.18	.02 02 .21	.03	.17	. 10	.01	. 14	. 34	.14	. 05	. 01	1.44 2-09 1.00 2.48
GEST LOCK 3 HALEYS MILL HAZARD	,,	. 01	.01	. 01	. 01	. 01	. 04	.14	.01 03	.04	08	.03	. 01	. 53 . 03	. 22	. 21	. 05	. 25	. 01	. 04 . 38 . 01	.08	. 55	. 01	.10	.01 .09	2 48 1.17 .36
HEIDELBERG LOCK 14 HERNDON HODGENVILLE NAT PARK	77	. 01	. 01	. 02	. 02	. 03	.10	. 05 08	. 03 02 . 06	. 06	. 02			.22	.01		02	. 09	. 02	. 05	. 09	.02	. 17	.10	. 06	1.29
JENKINS KENTUCKY OAM				. 01	01 . 01 . 10	. 01	03 02	. 07	05	. 02	02	. 04	. 03	.01	. 01	. 07	. 09	. 20	.02	. 02		. 03	. 03	. 36	.05	.98
LEXINGTON WE AIRPORT LIBERTY	//			. 02		. 02	.03	. 35 04 . 08 . 04	. 25 11 . 06	. 02	16		. 26			.02	.27	. 01	.01	.04	.09	.04	.03	. 03	.01	1.04
LOGLICE 1 S LONDON 3 SW	//		01	01	02	. 05	. 01	.01	06 .04 .03	.02	.04	.01		.18	.03		. 01	.17	. 01 . 28 04	. 03	.01 .01 .11	06 02	.08	.24 .05 .05	.32	. 94
LITTLE BICKMAN LOCK 8 LOGLICK 1 S LONDON 3 SW LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN W H AP LOUISVILLE WH CITY LUCAS		. 02	.01	. 01	. 01		.02	o.e	. 02	.11	.01	.02 .10 .10	. 03	. 04	.18	.02	.19	.21	. 05	. 32	.01	.08	.01	.13	. 11	. 52
LOUISVILLE WE CITY		. 01	.01	. 01		. 09	. 01	.10	.07	.11	. 01 . 02 . 03	.10	. 02	.03	.03	. 26 . 12 . 02	. 25 . 11 . 14	.07 .14 .18	.11	. 23 . 58 . 14	.09	. 05	.01			1.75
MADISONVILLE 1 5E MAYSVILLE OAM 33 MC KINNEYSHURG	11,	.01	.02		. 01	02	02	. 02	.16	.18 01 .01	.18	.02	. 07	. 54 . 01 . 07	.15	.04	. 02	. 23	. 05	. 06	.02	. 21	. 43	. 06	.13	2.36
MIDDLESBORO RR STA	//		. 01	. 01	. 01	. 13	. 01	. 05	. 02 . 03 . 08	. 02	. 01	. 06	.01	. 28	.10	.09	.11	.10	. 04	.01	. 36 . 16 . 02	. 05	.11	.18	.03	1 72
MOREHEAD 5TA TEACH COL MUNFORDVILLE			. 01	. 03	. 01	.02	.02	.03 04 .04	.08 02 .07	. 02	. 04	.04 .01 .06		.15	. 01	. 05	. 02	.25	.07	.03	. 03	.14	.19	.04	.08	.78
DWENSBORO OAM 46 PADUCAH CAA PADUCAH SCS NURSERY		.05	*	:	:	:	:	.17	:	*		*	*	. 72	.16		:	:	.19	.50	. 03	.27 a 1	.24	.16		1.35
SIMSEN TOCK 3			.01	01	.05 .01 .01	.04	.01 .01 .03	.07	. 52	. 15	.01	.01	. 04	.23	.03 .01 .07	. 01	. 01	.16	.03	. 02	. 06		. 02	. 04	. 06	1 40
SAOIEVILLE WATER WORKS ST MARYS COLLEGE SALYERSVILLE				. 01	.01	03	.01	03 01 .08	.04	. 04	. 26	.01	. 13	.05	.03	.07	.15	. 09 . 06 . 01	.06	. 14	.20	. 17	.08	.04	.01	2.15 1.43 1.72
SMITHFIELO 4 S SOMERSET HIWAY OEPT	//	.01	.01	. 01	01	.01		.02 .02	. 07 08 . 24	.01	. 08	.02 .10 .01	08	.07	. 38	. 30	. 20	.10	.01	.01	.04	.02	.11	.08	.13	.62 2.33
STEARNS PATHAM SPRINGS			*	. 01	. 01	.12	.07	. 06		.02		.08	. 05	.10	.02	.04	. 28	.07	:	:	.25	.11	.17		. 02	.76
TOMPKINSVILLE JNIONTOWN OAM 49 FOLF CREEK OAM FOOOBURY LOCK 4	//		.02	.01	.06 01	. 07	.05	. 10	. 06	.17	. 34	.09	.01	. 13	.01	.35	. 06 . 12 . 35	. 24	. 15	.30 .02 .17	.25	.03	. 05	03	. 02	2.02 1.49
FOOOBURY LOCK 4			. 02	. 02	. 02	.06	.04	. 06	. 04	.01	. 05		01	. 04	. 22	. 01	. 02	.06	. 01	. 02	.18	.15	.01	. 04	. 01	.84
ADOLPHUS 1 N	//	. 02										-	4th	1-												.02
ADOLPHUS 1 N BARBOURVILLE WATER WES BAXTER HARLAN WATER WES BENTON 1 5W		.01	.05	. 06	.01	.01	.05 05	. 04	. 01		. 01															. 23
BEREA COLLEGE		.02	.12	. 03	02	.01	.30																		1:	.20

KENTUCKY JUNE 1950

Table 4-Continued	-					A. 1	и Ног	ır end	ing									P.	M. Ho	ır end	ing	-	-		JU	NE 1950
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
BOWLING GREEN WB AP CENTRAL CITY CONSTANTINE CONSTANTINE CONSTANTINE CONSTANTINE COVENCTOR W B AIRPORT 6 EMBORTON FLEMINGSBURC POST OFF FLEMINGSBURC POST OFF FLEMINGSBURC POST OFF FLEMINGSBURC POST OFF LOGAL ARE WORKS GREEN LOCK 14 LOGALICK 15 LO		.01 .01        	.01 * .588 .100 .07 .01 .01 .01 .02 .04 .05 .36 .05 .36 .01 ** .09 .07	.01 .01 .03 .01 .01 .04 .03 .02	.011 .01 .01 .01 .01 .01 .01 .01 .01 .01	.47 * .02 .11 .01 * .05 .01 .01 * .01 .02 .01 .02	.01 .04 .04 .04 .01 .01 .05	.05	.08 .01 .02 * .03 .01 .03	.01	.01	.01	.01	.01	.01	. 01										.01 .03 .02 .266 .055 .055 .044 .044 .066 .622 .244 .288 .099 .117 .055 .066 .244 .010 .011 .011 .011 .011 .011 .011 .0
WOLF CREEK DAM SADIEVILLE WATER WORKS				. 01	. 02									th-			-	-	-	-	-	-	-	-	-	.03
WOODBURY LOCK 4														th-				. 03								. 03
ADOLPHUS 1 N COMBIN CAA  BEIDELBERG LOCK 14 BEIDELBERG LOCK 14 BEIDELBERG LOCK 8 LOCALICK 1 S S LOCK 8 LOCALICK 1 S S LOCK 8 LOCALICK 1 S TAN 8 B AP DUISVYLLE STAN 8 B CITY LUCAS ST MANUS COLLEGE ST MANUS COLLEGE ST MANUS COLLEGE ST MANUS COLLEGE ST MANUS COLLEGE ST MANUS COLLEGE ST STAN S COLLEGE ST STAN S COLLEGE ST STAN S COLLEGE STAN S COLLEGE STAN S COLLEGE STAN S COLLEGE STAN S COLLEGE STAN S COLLEGE STAN S COLLEGE STAN S COLLEGE STAN S COLLEGE STAN S COLLEGE STAN S COLLEGE STAN S COLLEGE STAN S COLLEGE			. 01										. 03	.26	. 02	. 05 . 02 . 06 . 01	.11 .10 .04 .12 .04 .01 .02	.04	*	.04	. 03	. 07		. 01		.04 .11 .05 .08 .26 .05 .16 .04 .12 .09 .07 .03 .07 .02 .09 .60 .61 .15
ADDLANDS 1 W ATER WES BARROURVILLE WATER WES BARROUR AND WESTERN S. DEFINISHEN COLLEGE CENTRAL CITY CLINTON G. CONTROL OF STATE O					01	.01			. 02		.01	.01	.04	*	.05	.03 .08 .02 .29 *	.01 .04 .01 *	. 43	.01	.111	. 01					.02 .66 .11 .02 .45 .14 .03 .27 .14 .35 .05 .02 .02 .02 .02 .02 .03 .04 .03
BERNION  LERINGTON #B AIRPORT  LERINGTON #B AIRPORT  LERINGTON #B AIRPORT  LOUIGN 30 %  LOUIGN JOY  LOUIGN JOY  LOUIGN JOY  LOUIGN JOY  MAYSVILLE DAMA 30 //  WE KINNETSUNG //  HIDLESSONG RE STA  MORERAD STA TRACE COL  GLIVE BILL IN WE  PADUCAS ECS WIRESETY  ADMICAS ECS WIRESETY  BAUCAS ECS WIRESETY  SOMERSETS INSTELLO & 80  SWITTFILLO & 80  SWI									. 01		.05	- * .06	.02	.01	.01	.05 - * .09 .01 .06	.19 .01 *	.06	.04	.13	*		*	•	-	.08 * .09 .05 .77 .21
SOMERSET BIWAY DEPT STEARNS TATEAM SPRINGS UNICOTOWN DAW 49 WOLF CREEK DAW WOODBURY LOCK 4									. 01		.01	.01		.29		.44	.02	. 01	.01							.11 .02 .15 .99 .14 .04 .03 .03

See reference notes following Station Index.

р.	No. of	4	٩.	'n.		- 4

EXACTOR

						A 1	м Но	ur end	ing									P )	м Но	ur endi	ng				JUNI	
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	8	6	7	8	9	10	11	12	Total
												-	-10	th-												
ADDISON DAW 45 ADDISHUS 1 N BARBOURY LLE WATER WES BAXTER HARLAN WATER WES BERTON 1 SO BENTON 1 SO BOWLING GREN WH AP CARROLITON LOCK 1 CENTRAL CITY CLINTON CONSTANTINE	#		.01		.03	. 08	.07	.01	48 .03 46 .14	.09 01 .13 1.68	.02	. 73	.03	.24 .20 01 .17	.01 .19 49	.08	.03	02 01	.08	.01				31		. 20 1. 19 . 64 55 . 08 1 19 . 73 . 03 1. 52
CORHIN CAA COVINGTON W 8 AIRPORT DAVELLA OUNDER BARRETTS FORO HR	6	* 01	.24			.06	.17	.02	.08	.48	.13	.12	.01	. 23	.29	.01	.01	.01	.07	.05	.38	.03	.41	.01		.45 .73 .73
THEN THE SHURD POST OFF FORDS FERRY OAM 50 FRANKLIN WATER WORKS GEST LOCK 3 EALEYS WILL EAZARO BLL ESTOPPING LOCK 14 RENDON BOOCENYLLE NAT PARK			.01	. 01	. 01		. 58	.06	.04 1 07 .25 .01 .01 .49 .05	.24 .01 .01 .01 .26	.06	.05	. 02 42 42		.03	. 02		.01	.01						. 23	.25 2.17 .07 .28 1.31 1.29
JENKINS RESTUCKY DAW LEXINGTON WH AIRPORT LIBERTY LITTLE HICKMAN LOCK 8 LOGLICK 1 S LONDON 3 SW LOUISA LOCK 3	//						.10	.10	.35	.05	.05	.05 .03 .01 .47	.06 .08 .18 .05	.09 .04 .03 .10 .14 .54	.01	.01	.01			.18	.01	.02	.08		.02	2.22 .39 .20 .78 .20 .81 1.18
LUCAS MAOISONVILLE 1 SE MAYSVILLE DAW 33 MC KINNEYSHURG WIOOLESBORO RR STA	<b>"</b>						• 3	.05	.13 .40	. 57	.05	*	.19	.54 .01 .36	.12	.04	.37	.09	.01				, 32			.89 .01 1.28 .45 .47 .23 .61
MORRHEAD STA TEACH COL MUNPORDVILLE OLIVE HILL 1 NW OWENSBORD OAM 46 PAOUCAH CAA PADUCAH SCS NURSERY DIKEVILLE	6	.01			. 01	. 02	.01	.04	.01	. 19	.40	. 40 . 05	.04	. 01	.01	. 01	.07	.07				.03		. 60	. 15	.76 1.10 .94 1.12 .05
RUMSEY LOCE 2 ST MARIS COLLEGE SALYERSYILLE SOMERSET HIWAY OEPT STEARNS TATHAM SPRINGS TOMPRINGSYILLE UNIONTOWN DAW 49 WOLF CREEK OAM	//							.07	.02 .02 .02	.01	.02 1.27 1.24 .09	.01 .17 .43 .05	.01 .61 .03 .86	.80 .39 41	.01 .10 .18 .19	.01 .01 .01 .03	.01 .01 .01		.01	. 01			,34	. 03		.79 2.25 1.53 2.29 1.56 .34 1.41
WOOOHURY LOCK 4									. 02	. 23	.39	.04	:08 -111	.97 h-	.01	.01						.08	.41			2.14
ADOLPHUS 1 N CONSTANTINE DAVELLA	//		. 03		. 01	.01		. 02					111	.11												. 02
HAZARO HEIDELBERG LOCK 14 HODGENVILLE NAT PARK LOGLICK 1 S LOUISA LOCK 3 LUCAS LUCAS LUC KINNEYSRUEG	// '	.03	.01 .02 .01	. 01	. 01	. 01			. 01		.02															.02 .02 .03 .06 .02 .02 .01 .07
MOREHEAO STA TEACH COL STEARNS TOMPENSVILLE MOOOHURY LOCK 4		.01	. 01	.01		.01			.01	.01	.01	_	.13+	h-							-			-	- ,	. 02 . 02 . 04 . 01
ADDISON DAM 45 ADDLPHUS 1 N BENTON 1 SW BOWLING GREEN WH AP CARROLLTON LOCK 1 DENTRAL CITY DLINTON DONSTANTINE	//												131	.11	.13	. 05	.01	.28 .17 .09	.06	.01						.19 .07 .58 .23 .57 .50 .66
CONSTANTINE COVINGTON W H AIRPORT DUNOES BARRETTS FORD BR OVERS FERRY OAM 50 FRANKLIN WATER WORES EST LOCE 3 ALLEYS WILL ERRHON BODGENVILLE NAT PARK	6													. 01	.03	.13 .18 .21	.07 • .13 .06	02 * .09 .01 .31	.06	. 04	.01				22	.40 .28 .64 .08
LEXINGTON WE AIRPORT LIBERTY OUISVILLE STAN WE AP OUISVILLE WH CITY LICAS	//														.01 .60	.14	.08 .11 .06	. 31 . 08 . 05	.15	.07	.02					.56 .20 .90 .09 .13 .24
MADISONVILLE 1 SE UNFORDVILLE DEENSBORO OAM 46 PADUCAH CAA PADUCAH SCS NURSERY UNSEY LOCK 2 UNSEY LOCK 2 T MARYS COLLEGE	6														•		. 29 . 09 . 08 . 54 . 35 . 18	.01 • .35 .06	.02	1.96 .02 .01	.01				09	.01 .39 .19 .40 1.00 .45 .20
MITHFIELD 4 S OMERSET HIWAY DEPT ATEMS SPRINGS NIONTOWN DAM 49 GOODBURY LOCK 4	//								. 03			.01				. 22	.11	01	.07					05		. 29 . 11 . 05 1 . 08 . 42

													- 1						-			_			JUN	NE 1950
Station						A. 1	M. Hou	ur endi	ing									P. N	I. Hou	ur endi	ing					Total
	1		2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	2
		Ť											-14	th-								-				
ADDISON DAM 45 ADOLPRUS 1 N BENTON 1 SW BENTON 1 SW BOULING GREEN WB AP CLINTON CORBIN CAA COT NOTON W B AIRPORT 6 COUNDED EARAETTS FORD BR ERMONTON ERMONTON HALL WORKS HALL WORKS	.1		.01	.01	. 04	.01		.01		.02	.05	.01	.01		.07						. 23	.07	. 07			.75 .24 .17 .07 .02 .11
BANDERSO LOCK 14 BOOLENVILLE NAT PARK LIBERTY LITTLE BICKMAN LOCK 8 LODISVILLE STAN W B AP LOUGH WITH STAN W B AP LUCAS LUCAS LUCAS MUNPORDVILLE MUNPORDVILLE MUNPORDVILLE MUNPORDVILLE SOMERSE DIAYA DEPT STRARS STARRS TOMPKINSVILLE WOLF CREEK DAM WOODENST LOCK 4	.0	02	.07	. 24	.01	.12 .14 .01 1.55 .05 .01	.06 .06	.35 .21 1.58	.04 .02 .10 .84	.12 .06 .01 .63 .54 .22 .01 .01	.13 .15 .08 .16 .03	.02 .10 .16 .02 .01 .12 .12 .14	.02	.01	.01	.01	.01	.01	.01	.33	.02	. 47	.07	. 09		.24 1.71 .03 .29 .05 .82 .62 .07 1.58 .90 .55 .28 .35 6.48 .77 .88 .93 .32 .21 1.24
ADDISON DAW 45 BARTER BARLAN WATER WES BREFA COLLEGE BREFA COLLEGE BREFA COLLEGE BREFA COLLEGE ACREGILTON LOCK 1 COBBIN CAA CORPINCTON 5 AIRPORT 6 FILMINGSBUNG POST OFF GEST LOCK 3 BACARDS LOCK 14 LIEERTOT WALREDT LIEERTOT WALR	. 0:	1		.01	.02		.01		.02	.01	.01		–15i	th—	.02	.18	.01	.01	.05	1.15	.12	.20	.40 .08 * * .06 .01 .14	.11 .01 * * .13 .01 .80	.02 .01	.04 .12 .45 .03 .28 .22 1.77 .37 .15 .85 .05 .24 .75 .49
LOGILCE 1 S LOTION 3 SF LOTISVILLE BOYMAN PLD LOTION 3 SF LOTISVILLE BOYMAN PLD MATSYLLLE BOM 3 3 MILLERSBURG MODEREAD STA TEACH COL. MUNFORVILLE MONFROVILLE MONF	.0:		.08	.01	.06	.15	.02	.01	.18	.01	.01	.02	* .01	* .01 .05	.06 * .01	.01	.01				.01	.19	.01	.09 .22 .04 .10		.27 .34 .73 .50
BABDOURVILLE WATER WES HATTER BRAILAN WATER WES CARROLITON LOCK 1 // CORRIE CAN DAVELA B A LIBOOT 6 DAVELLA B A LIBOOT 6 PLENINGSUNG POST OFF UND INCREMENT OF 1 BEI INCHERS LOCK 14 JENEINS LOGIS 1 G LOUISA LOCK 3 LOUISA LOCK 3 LOUISVILLE BOWNAN FLD LOUISA LOCK 3 LOUISVILLE BOWNAN FLD WAITDLESSOROR B STA	.00	01 02 12 02	.01 .37 .22 .03 .02			.04	.02			.01			-16 .01	28	.01		. 02					. 05	.08	.13	.01	.02 .05 .08 .11 .08 .02 .23 .04 .03 .16 .03 .09 .02 .17 .17 .19 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10
MOREMAD STA TEACB COL OLIVE HILL I WW PIKEVILLE SMITHFIELD 4  BAXTER BARLAN WATER WES COVINGTON W B AIRPORT 6 DAYELLA	.0:.0:.0:.0:.0:.0:.0:.0:.0:.0:.0:.0:.0:.	1 2 5 6	.01	.01		. 02		.02	.01	.01	.04		-17	th-				2.5						.09	.01	. 01
HAZARD MEDICEBERG LOCK 14  JENEURS LOUISA LOCK 3  LOUISVILLE BOWMAN PLD  MC MINETSBUNG  OLIVE BILL I NW  PIREVILLE	.0:	02	.01	-	-	. 06	.12	.39	.01	-	.01	.01	-18	th-				.25		.17	. 04	. 02				.32 .25 .20 .40 .03 .02
ADDISON DAM 45  BERRAC COLLEGE CARROLLTON LOCK 1 // CONSTANTIVE COVINGTON W B AIRPORT DAVELLAS BUBBLE POST OFF GEST LOCK 3 // BAZABD //							5	ee refe	Pence no	.04		: Stati	.07	ž.		.06	.05	.03	.01	.09	.01	.05 * .01 .08 .24	.04 .02 *	.43 .01 .72 .08	.01 ,80 *	,23 ,20 1,35 ,07 ,22 1,48 1,94 ,71

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Tab	0 4		nu	od

A M Hour ending

KKNTUCK

P M Hour ending

Station						-	7100	ondi.	.0										4 1100	i endii	ug					Cotal
		1	2	3 .	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	-
BRIDELBRING LOCK 14 JENKINS LEXINGTON WE AIRPORT LINEATY LOCALICA IS LOUIST IS S LOUISA LOCK S LOUIST LOCK S LOUIST LICE STAN WE AP LOUISVILLE WE STAN WE AP LOUISVILLE WE CITY WAYSVILLE UM ASS WILLERSBURGE WILLERS	2													.01	.02	.03 .02	.01	.02	.18 .35 .23 .84 .08	.29 .05 .44 10 .01	.28 .01 .02 41 .10 .32	.51 .04 .40 .05 .03 .10 .45 .18	01 01 .01 .66 .48 .35	.01 .13 .21 .02	.02 .17 .10 .30 .81	81 .28 .12 .11 .86 .34 .07 .58 .129 .158 .22 .10 .58 .22 .10 .58
SALYERSVILLE SMITHFIELD 4 S STEARNS TATEAM SPRING8												-	.05 -191	h		.09	.01	.02 .05 .08		.01	.07		1.02	.02	72	.10 2.34 .05 .58
ADOLPBUS 1 N BARBOURVILLE WATER WES BATTER EARLAN WATER WES BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP	7		. 02	1	. 03		.01		.40	. 06	01		10	11	. 05			.01	.01	. 03	. 04	.32	.07	.02	.05	.02 .07 1.12 .71 63
CARROLLTON LOCK 1 CENTRAL CITY CLINTON CONSTANTINE CORBIN CAA	6	. 04	. 50	.03	. 01	. 24	.08	.02	.35	. 02						.05	.01	.01		.17	. 02	.04	.02	. 01	.04	.81 1.42 .17 .22 .18
COVINGTON W B AIRPORT DAVELLA DUNDER BARRETTS FORD BR EDWONTON FLEMINGSBURG POST OFF FORDS FERRY DAW 50 FRANKLIN WATER WORKS	6	,64	.46	. 03	.29	. 31	. 52	. 27	1.07 ,15	•	.01	.14	.02	.01	. 06	•	.01	.01	. 01	•	. 05	. 02	٠	. 05	. 02	.05 .09 1.88
GEST LOCK 3 BALEYS MILL HAZARD HEIDELBERG LOCK 14 HERNDON BODGENVILLE NAT PARK		83	. 33	.08	.01	.01	.01	.01	46	.01	. 01	.01	.01	.01		. 22	.01 .14 .28	.01 .01 .01	.08	.01 .06 .02	.20 .03 .01	.08 .02 .03	.02 .02 .01 .04	.01 .03 .02	.03	1.33 2.10 .49 .52 .34 .40
JENKINS KENTUCKY DAM LEXINGTON WB AIRPORT		.01		. 30		. 23	.01	. 02	. 05	.41	.19	.11					. 43	.40	.48	.37	.30 .80 .04	.39 .40 .02 .65	.02	.02 .89 .01	.02	.89 .82 1.35 2.61 1.09 .93
LIBERTY LITTLE BICKMAN LOCK 8 LOGLICK 1 S LOGLOCK 3 S LOGLOCK 1 S		.10	1.03 .10 .05 .13	.06	. 22	.06	.47	.10 .04 .13 .01	.05 .04 .02 .21	.01	.01		.10	.01	.01	. 25 . 23 . 80	.35	.01	.07	.21 .84 16 .42	.01	.05	. 04	.10	.01	2.82 1.72 .85 1.87 .22 .34
MC KINNEYSBURG MILLERSBURG MOREHEAD STA TEACB COL MUNFORDVILLE	4	.12 93 16	.92 30 66	. 53 . 92 37	.32 .15 .04 60	48 .07	.01 .01 .03	.01	. 52	28 16	.04	.02 .01 53	.01 1.37	1.09	. 06	. 24	1.00	.05	.01	. 02		. 04		.13	. 01	3.03 4.20 5.14 .17 2.40
PADUCAH SCS NURSERY PIEEVILLE RUMSEY LOCK 2 ST MARYS COLLEGE SALVERSVILLE	6						.20	. 25	.30	.23	.04	. 02	.21	.06			.02		.01	1.19	.20	.04	. 26	.07 .02 .03	.10 .01 .30 .08	.43 1.17 .33 1.77
SMITHFIELD 4 S SOMERSET BINAY DEPT STEARNS TATHAM SPRINGS WOLF CREEK DAM WOODBURY LOCK 4		.35	.08	. 03		.01		.12	.06 .01	.03	. 03	.01			.01	. 52	.08	.06	.01	.01	.01	72 •	.35	.40 • .12 .67	.39 .45 .08 .01	1.80 1.93 .20 .68 .42 1.43
ADDISON DAW 45 / ADDIPHOS 1 N / BARBOURVILLE WATER WES BATTER HARLAN WATER WES BENTON 1 SW BEREA COLLEGE	<i>'</i> ,	.01	.06	.10	.02		.03	.02	.01	.03			201	:h-	.27	.05	.01 18 .01	.09	.01	.02	.36	.01	. 01	.01	.01	.53 .32 1.31
BOWLING GREEN WB AP CARROLLTON LOCK 1 CENTRAL CITY CLINTON CONSTANTINE	/	.01	.05	.01	. 01			. 01	.05	.01			.10	.30	.01 .24 .70 .61	.01 .01 .35	.11 40 .02 .27 .01	.07	.02	.05	.03	.08	.11	.12	.01 .01 .08 .02	. 53 1.10 .12 .97 3.04 1.32
DUNDEE BARRETTS FORD BR EDMONTON FLEMINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS	6	.02 .01 .02 .03	.12 .27 .01	.01	.05	.01	.04			٠	•	.02	.50	.02 .01	.03 .01 .13 .32	.01 .01	. 17 . 65	15 25	. 38	.02	.01	.01	.09	. 09	.01	.98 2.01 1.07 .97
GEST LOCK 3 HALEYS WILL HAZARD / HEIDELBERG LOCK 14 BERNDON BODGENVILLE NAT PARE JENKINS	, :	.02	.03 * .01 .01 .06	.01 .07	. 01	. 01 . 01 . 01 . 01	08 .02 .04	.13	.03	٠	. 03	. 04	.01	.01	.08	.13 .03 .10 .03	.01	.01 .01 * .02 1.90	.19 21	.05	.05 * .10 .01 .01	.01 .05 .01	.01	.17	. 01 . 02 1 . 78	.33 .78 1.78 .70 3.42 .59 1.20
LEXINGTON WE AIRPORT LIBERTY LITTLE HICKMAN LOCK 8 LOGLICK 1 S LONDON 3 SW LOUISA LOCK 3	/	.09 .03 .02 .03	.04 .01 .02	.02	.08	.07	. 13	.01	.01	.10		.09	.01	.81	.19	.13 .10 .10 .17	. 20 . 19 . 34 . 34	.20 .04 21 .02 .10	.10 .14 79 .55	.09 .02 .03 .02 .06	.04		.01	.01	. 01	.58 .57 1.90 .76 1.50 1.23
LOUISVILLE BOWMAN FLD							Se	e refere	nce no	tes fo	llowing	Station			.08 1	1.13	.01	, 54	.00	. 52	140		.01	.01		1.23

Table	4-0	ontiv	bour

					A. 1	M. Hot	ar end	ing									P. 1	M. Hou	ır endi	na	-	-		10)	TE 1950
Station	1	2	3	4	5	6	7	8	9	10	11		,	_			5			-					Total
	1 -	2	3	*	5	0	1	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LOUISVILLE STAN * B AP LOUISVILLE YB CITY LUCAS LOUISVILLE 1 SE MATSVILLE 1 SE MATSVILLE 1 SE MATSVILLE 1 SE MATSVILLE DAM 33  WHIDDLESBOOR OR STA MILLERSBURG MUNPORNYLLE VOYENSBORD OAM 46 PADUCAS SCS NURSEAY PADUCAS SCS NURSEAY SADISVILLE WATER WORKS ST MANTS COLLEGE  SADISVILLE WATER WORKS ST MANTS COLLEGE  SHITHFIELD 4 S SOMERSET BINAY DEPT STEAMS STANDS TOMMEN	.09 .07 .01 .05 .15 .02 .15 .01 .02 .08	.03 .06 .01 .01 .03 .03	.05 .02 .01 *	.03 .01 .01 .01 .01	.07 .18 .05 .01 .01 .02 *	.222 .033 .011 .011 .011 * .01	.02	.01 .01 .03	.01	.02	.03	.02	. 64	.05 .17 .1598 .01 .05 * .01 .05 .10	87 .86 .05 .01 .39 1.59 .09 .01 .50 .13 .83 .03 .04 .01	.01 .05 .58 .08 .01 .07 .02 .23 .51 .01 .11 .08	.64 .01 .04 .01 .04 .25 .02 .01 .36 .05 .03 .01 .01 .01 .02 .00	.0511 .04 .01 .03 .01 .23 .46 .01 .47	.05 - .01 .01 .01 .09 .01 .09 .05 .13 .19	.01 .06 .04 .68 .02 .06 .09 .06 .19 .01	.07 .30 .01 * .11 .01 .10	.06 .01 * .08 .05 .01	.05 .01 .01 .02 .01	.08 * .05 .01 .01	.94 .91 1.85 .61 -38 2.06 1.70 .88 .37 .46 1.02 .82 1.30 -1.45 .96 .88 .88 .98 .81 3.21 1.40 2.87
NOODON'S DOOR 'S												-21			. 01	. 00			.01				. 23	.07	1.01
AOOISON DAW 45 ADOLPRUS 1 N BABBOURVILLE WATER WKS BATTER BARLAN WATER WKS BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP CARBOLLING LOCK 1 //	.02		•	.01	*		٠		.06	. 63 . 47	.15	21	.SL	.07	.12		.01								.15 .15 .90 .51 .03 .01 .09 .03 .04 .08
CENTRAL CITY CLINTON CONSTANTINE	. 01		. 02	.01	.02			. 02	.01					.03										. 02	.04
CORBIN CAA 6 DAVELLA DUNOEE HARRETTS FORD BR EOMONTON FLEMINGSBURG POST OFF PLANELIN WATER WORKS	.01	.01	.02 .01	.01	.01	٠	٠	•	•	.90	.02	•	•	.32	.03	.01	.01								2.55
GEST LOCK 3 HALEYS WILL HAZABO HEIDELBERG LOCK 14 //	. 01	.01						. 01	.21	.12	, 24		.01												.06
HEIDELBERG LOCK 14 // HERNDON JENEINS LEXINGTON WB AIRPORT	. 02		.02	.01	.02	.01			.02	.07	38	.07	.01						.02	.01					.05 .10 .53
LITTLE BICKMAN LOCK 8 // LOGLICE 1 8 LONDON 3 SW LOUISA LOCK 3 LOUISYILLE BOWMAN FLD LOUISYILLE STAN W B AP LICAS	. 01	.02	.01	.09	.01 .06 .01	.01	. 05	.04	.25	.02	.01	.01	.08												.03 .05 .05 .06 .05 .06 .59 .05 .10 .29 .36 .05 .29 .11 .03 .81 .30 .70 .29
MAOISONVILLE I SE MAYSVILLE DAM 33 MC KINNEYSBURG MIDDLESSEORO RR STA MILLERSBURG MUNFORDVILLE OLIVE BILL I NW OWENSBORD DAM 46	.01 .01 .01 .02	. 62 . 12 . 01 . 01	.01 14 .10 .02 .01	.01 .04 .05	.05	.02 .01 .01	.01	.01	.01	.02		. 63	.01	.01											.03 .81 .30 .70 .12 .05
PADUCAH CAA 6 PIKEVILLE RUMSEV LOCK 2 SAOIEVILLE WATER WORKS	.13	.01	.01						.06	.36	.07	. 02	. 01	.02	.01	21	. 04								
SALTERSVILLE SMITHPIELD 4 S SOMERSET BIWAY DEPT STEARNS	. 02	.01	. 01	.01		.02	.01 16	.02	.05	.05		.01	.01	.06	.01	.01									.81 .02 .03 .30 .02 .01 .23 .08 .20
UNIONTOWN DAM 49 WOLP CBEEK DAM WOODBURY LOCK 4	. 01	.01	.01	.01	. 01		.01	.11																	. 08
ADOLPHUS 1 N HARBOURVILLE WATER WES BAXTER HARLAN WATER WES BENTON 1 SW BEREA COLLEGE	.01	. 02	.03	14	. 69	.02	.04	.02 .01	.11 .02 .25	.25	.01		2d-	.02	.18 .02 .05	.01	.01	.01							.59 .11 .27 1.41 .02 1.34 .91 .40
BOWLING GREEN WB AP CENTRAL CITY CLINTON	.01	.01	.08	.01	.02 .01 .07	.09	.03 .27 .04	.08 23 .05	.17	.01	.01	.01	.03	.02	.01	.01									.91
CONSTANTINE CORBIN CAA 6 COVINCTON W B AIRPORT 6 DUNGEE HARRETTS FORD BR EOMONTON			.01	.01	.01		.09	.23	.45 * .12 .03	.02 * .01 .10	.14	10	.11	.06	.01	:	:	:	* *	.08					
FLEMINGSBURG POST OFF			. 35	19	.10	.11	.01	.04							.10				.02						.10
FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL BERNDON BODGERWILLE NAT PARK		.02	.05	.01	.03	.27	.43	.14	.60	.02 .02	.12 .02 .01	.01 .01 .01	.01	.22	.01	.01									.45 .74 .10 .76 1.35 .08 1.00 .93
JENKINS EENTUCKY DAM LEXINGTON WB AIRPORT	.29	30	. 50	38	.02	.02	.09					. 01	*		.35	.08	.01	.01							.10 .44 1.60 .08
LIBERTY // LONDON 3 SW LOUISA LOCK 3 LUCAS MADISONVILLE 1 SE									.08	.45	. 14	.03	. 83	.01	.01										.08 .08 1.65
MADISONVILLE 1 SE MAYSVILLE DAM 33 MIODLESBORO RR STA MORRHEAO STA TEACB COL MUNFORTVIILLE OLIVE BILL 1 NN PADUCAB CAA 6			.03	.01	.04	13	.06	.11 .01 .31 .03	.03	.01	.02	.09	.15	.08	.14	. 01	.09	.02							.08 .14 .08 .08 1.65 .82 .11 .49 .92 .23
PADUCAB CAA 6		*	*	٠	*		.20				.55														

See reference notes following Station Index. - 98 -

Station		A M Hour ending																P )	4 Hou	ar end	ing					18
	-1	2	3		4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	Ņ.	12	Tot
PADUCAH SCS NURSERY PIEWYLLEX WUNGET LIKE WATER WORES ST MANYS COLLAGE ST MANYS COLLAGE ST MANYS COLLAGE ST MANYS COLLAGE ST MANYS COLLAGE ST MANYS COLLAGE ST MANY GEPT STRARKS TOWNER INSYLLES UNCONTOWN DAM 40 TOWNER THE DAM TOWNER DAM 40 TOWNER THE CALL				01	.01 .01 .01	.03 02 .02 01	.01	.08	.01	.25 11 .01 .01 .01	.01	02 .03 .02 .05 .05 .05 1.32	. 05 . 04 30 . 26		.03	.01 .01 .09 .38	.02	.01	.02							40 21 40 03 04 03 23 17 80 2.82 05 .85
BAXTER BARLAN WATER WES GUNDEN BARRETTS FORD BR ELMONTON HEALARD JENEINS MORSHEAO STA TEACH COL								.01	.02	.01	.01	.01	-23	8d-	.01	.01		.01		.01		.01				. 01 . 05 . 01 . 03 . 12 . 02
COVINGTON W B AIRPORT 8 FLEMINGSBURG POST OFF JENKINS							. 04	.03				-	-	h-		-		-		. 01	.02	.08	. 02	-		20
BEREA COLLEGE CARROLLTON LOCK 1 COVINCTON W B AIRPORT 6 DAYSLLA GRST LOCK 3 BAZARO // BEIGGLBERG LOCK 14 // JENKINS		. 3	9 +	05	٠	. 31	.01		.01			_	251	h-			.03	.02	.15			. 02				20 .05 32 .07 .03 .35
LONDON 3 SW LOUISA LOCK 3 MAYSVILLE DAM 33 MIODLESBORO RR STA MILLERSBURG MILLERSBURG ONOREBEAD STA TEACH COL OLIVE BILL 1 NW PIESVILLE			:0	18 06 05	.13 .01 .01 .01	.01 .03	.01	.01	. 01					.01			. 02	.01			.11	.01				.03 .02 .16 .19 .12 .09 .07
SAOLEVILLE WATER WORKS SALTERSVILLE SMITHFIELD 4 S TATHAM SPRINGS		. 1	3 .(	03		.01	.06	.03	.01						.09	.06										.01 .11 .16 .22
BAXTER BARLAN WATER WES BEIDELBERG LOCE 14 MIOOLESBORO RR STA						. 01		. 01	. 01	.01			26t												. 01	. 02 . 03 . 01
WIDOLESBORO RR STA COVINGTON W H AIRPORT 6	. 01	0	1										27t	h- h-												.02
COVINGTON W B AIRPORT 6 JERIUS JERIUS PIRSYILLE FLEMINGSBURG POST OPP	٠	.0	1		. 01		. 13		.01	. 01	. 01		291	h-												. 01 . 02 . 14

### MONTHLY AND SEASONAL SNOWFALL

July 1949 to June 1950

Station August September October February January March April Inne Season May ADDISON DAM 45 ADOLPHUS 1 N ALLEN ANCHORAGE ASHCAMP T 0.3 0.3 ASHLAND DAM 29 BARDSTOWN BAXTER-HARLAN WTR WKS BEAVER DAM BENHAM 0.5 0.5 0.2 BEREA COLLEGE BEREA WATER WKS BOSTON 2 SW BOWLING GREEN BOWLING GREEN SUBSTA 0.3 T т т BOWLING GREEN WB AP BRENT DAM 36 BROWNSVILLE LOCK 6 BURGIN DIX DAM BURNSIDE т CADIZ LOCK E
CAMPBELLSVILLE
CARROLLTON LOCK 1
COLLEGE HILL LOCK 11
COLUMBIA LAW COLLEGE T CORBIN CAA
CORBIN WATER WORKS
COVINGTON WB AP
CYNTHIANA
DANVILLE т т 0.1 6.1 1.3 2.4 DELPHIA
DELPHIA 1 E
DEMA
DUNDEE BARRETTS FRD BR
DUNWOR т 4.6 T T 0.3 DUNNVILLE EDDYVILLE LOCK F ELIZABETHTOWN FALMOUTH FARMERS т 2.7 0.2 FLEWINGSBURG FORD LOCK 1 FORDS FERRY DAM 5 FRANKFORT LOCK 4 FRANKLIN WATER WORKS 2.0 T T 1.0 1.1 T 1.0 T FRENCHBURG 1 SW GEORGETOWN WATER WORKS GEST LOCK 3 0.3 GLASGOW GRANT DAM 38 1.0 3.0 т GRAYSON GREENSBURG GREENSBURG HIWAY 61 BR GREENUP DAM 30 GREENVILLE 2 W 0.3 0.7 3.0 5.4 0 2 HARTFORD 6 N 2.0 HAZARD WATER WORKS HEADQUARTERS HEIDELBERG LOCK 14 T HENDERSON 4 SW HICKSVILLE HIGH BRIDGE LOCK 7 HINDMAN SETTLEMENT SCH HOPKINSVILLE 2 E 0.5 0.5 HYDEN IRVINGTON JACKSON JENKINS WATER WORKS JEREMIAH т 1.3 1.3 т 3.5 5.3 т KEENE 2 N KENTUCKY DAM LANCASTER ICE PLANT LAURA LEITCHFIELD 1.0 0.1 0 1 0.6 2.3 0.6 0.4 1.0 0.3 LEXINGTON WB AP LIBERTY LITTLE HICKMAN LOCK 8 LOCKPORT LOCK 2 LOUISA LOCK 3 0.5 2.0 LOUISVILLE STAN WB AP LOUISVILLE UPPER GAGE LOUISVILLE WB CITY LOVELACEVILLE MADISONVILLE 1 SE 0.1 T T T 1.5 т MAMMOTH CAVE PARK MANCHESTER MAYFIELD 2 S MAYFIELD SUB STA MAYSVILLE DAM 33 T 1.5 0.5 1.5 2.5 0.8 MIDDLESBORO MIDWAY 2 S MILLERSTOWN MONTICELLO MOUNT STERLING 3.2 1.0 0.8 MUNFORDVILLE MURRAY OLNEY

See reference notes following Station Index

# MONTHLY AND SEASONAL SNOWFALL

		_			July 1949	o June 1950	)						TONK 1820 KENLUCKA
Station	July	August	September	October	November	December	January	February	March	Apri	May	June	Season
ONEONTA DAM 35 OWENSHORO OWENSHORO DAM 46 PADUCAH CAA PADUCAH NO 5 FIRE STA				т	0.3 T	1,5 T T	2.0 0.3 1.0 0.5	3.5 T T	0.5 T T T	T T	T		2.0 0.3 1.0 0.5
PAINTSVILLE PIKEVILLE PINEVILLE PLEASURFVILLE 2 S PRINCETON					0.2 T	0,5 T	- - 1,5	0.6 T	2.7 - 0.5	1.0 T	Т		
RAYENNA LOCK 12 RICHMOND TEACHERS COL RUMSEY LOCK 2 RUSSELLVILLE RUSSELLVILLE SUB STA					т -	1.0 T	1.5	T T -	0.5	T T			1.5
ST. JOHN BETHLEHEM ACAD SALVISA LOCK 6 SCIENCE HILL SCOTTSVILLE SEBREE WATER WORKS					0.5 T T	T 0.4 T T	2.0	T T	T T T	T T			0.4 T
SHELBYVILLE 2 W SHEPHERDSVILLE SMITHFIELD 4 S SPRINGFIELD SUMMER SHADE SUB STA					T - T	т - т	Ē	T - T -	- - - T	T T	<b>T</b>		
TAYLORSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN DAM 49 VALLEY VIEW LOCK 9					T - T - 1.2		1.0	T - T - T	0.3 T T	T T			
VANCEBURG DAM 32 WAYNESBURG 6 E WAYNES LIBERTY WATER WKS WILLIAMSBURG WILLIAMSTOWN					1.3 0.2 T	1.0 T - T 0.5	- - T	3.0 T T T	0.8 T	1.0 T T T	Т		- - T
WILLOW LOCK 13 WOLF CREEK DAM WOODBURY LOCK 4					T - -	- - T	-	-	-				Ē

T				

### DAILY TEMPERATURES

Table 5																Day	of mo	onth														JUNE	9 9 9
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Averag
ANCBORAGE	MAX MIN	76 50	80 54	72 61	70 47	80 47	84 51	87 55	85 59	80 67	80 71	77 54	80 50	81 59	77 62	87 62	90 64	82 64	84 59	83 65	79 66	79 68	81 64	91 69	89 70	89 71	93 72	80 60	79 51	78 58	79 49		81.7 60.0
ASHLAND DAM 2	MAX	81 54	90 52	80 66	74 54	81 49	84 54	89 55	90 57	89 64	82 64	75 60	80 51	85 52	80 61	85 65	90 65	87 66	82 55	87 68	87 66	83 68	81 63	89 66	90 70	89 69	95 68	91 60	80 53	81 59	80 52		84.8 60.2
BEAVER DAM	MAX	77 54	74 56	72 66	70 50	81 48	83 53	85 59	83 63	84 67	82 66	77 58	80 54	86 58	85 62	91 65	92 70	86 72	92 61	91 74	82 69	83 65	84 70	90 72	90 72	93 73	94 70	84 65	81 56	79 58	82 50		83.8 62.5
BENHAM	MAX	76 53	78 48	80 50	70 60	85 43	79 44	85 56	86 57	88 59	84 56	85 52	87 46	84 50	81 51	88 60	92 63	92 65	94 60	90 70	87 64	85 64	79 65	79 66	90 64	90 67	94 70	95	85 53	84 59	82 53		85.1 57.9
BEREA COLLEGE	XAM	75 51	84 52	75 63	68 53	78 45	83 51	84 56	85 60	83 65	76 66	75 57	79 49	89 57	80 63	88 59	87 63	84 65	89 57	88 66	83 64	83 67	80 67	88 69	89 71	89 65	91 73	89 66	82 53	79 58	78 51		82.7 60.1
BOWLING GREEN WB AP	MAX	80 55	73 55	74 63	72 50	80 48	84 52	85 58	82 63	84 67	83 65	79 57	79 55	88 57	85 63	91 65	90 69	88 71	91 64	88 66	85 67	85 67	84 71	89 73	88 71	92 72	93 71	83 62	82 58	82 57	82 52		84.0 62.1
BURGIN DIX DAM	MAX	78 52	76 56	74 58	70 54	80 48	83 52	87 55	86 57	84 66	83 71	79 57	78 49	84 54	81 63	90 63	90 66	89 67	88 59	87 67	88 65	83 67	83 68	90 71	91 71	91 73	92 75	65	82 52	82 58	80 51		83.8 61.0
CAMPBELLSVILLE	MAX MIN	79 50	76 55	74 64	70 53	84 46	85 55	86 56	84 56	83 55	80 51	78 56	82 56	84 56	83 56	89 56	85 56	84 55	88 55	88 55	84 55	84 55	81 55	89 55	88 55	90 55	91 55	83 55	83 57	80 60	81 52		83.2 55.0
CORBIN CAA	MAX	77 50	82 51	77 64	69 49	77 43	81 50	82 52	82 53	79 64	78 62	75 55	77 48	82 53	78 61	87 63	87 62	85 65	88	87 66	83 65	81 67	76 67	90 69	88 71	88 70	90 72	80 59	80 53	78 56	78 52		81.4 59.1
COVINGTON W B AIRPORT	MAX	75 53	78 57	68 57	69 46	79 51	82 54	86 61	86 65	78 65	80 65	75 54	78 55	77 61	78 63	85 64	88 63	68 59	75 54	76 58	72 64	82 64	81 66	88 69	87 68	85 66	92 72	78 57	75 51	75 57	77 50		79.0 59.6
DANVILLE	MAX	73 54	77 54	79 60	72 54	68 48	78 54	81 57	84 59	83 65	80 69	74 56	75 50	77 55	83 63	79 65	88 65	88 71	88 58	87 64	86 64	81 66	82 69	79 70	87 70	88 72	90 75	92 65	82 54	80 58	79 53		81.3 61.2
FARMERS	MAX MIN	47	84 46	75 63	73 51	81 42	82 47	85 49	85 53	82 62	77 63	75 53	79 45	83 48	82 50	87 58	90 59	90 62	85 54	85 62	80 62	82 64	83 59	90 62	92 65	92 69	94 65	93 65	79 49	79 52			83.7 56.1
FORDS FERRY DAM 50	MAX	77 57	79 61	75 62	70 55	79 52	84 55	83 63	84 65	85 71	85 69	83 59	81 57	88 64	89 63	92 71	91 72	86 70	91 64	90 74	82 68	84 66	86 68	88 75	88 75	93 73	94 73	91 68	78 63	79 61	83 54		84.6 64.9
FRANKFORT LOCK 4	MAX	77 50	80 51	82 54	74 51	72 49	81 49	83 53	86 55	86 59	81 70	78 57	78 50	78 50	82 57	82 63	89 63	91 67	81 60	88 60	85 67	81 66	84 65	82 66	91 71	92 72	92 72	93 64	81 53	79 56	80 51		83.0 59.0
GREENSBURG	MAX MIN	75 52	78 55	76 62	73 56	68 48	77 50	83 55	85 60	82 63	80 67	76 57	76 52	79 54	85 58	76 64	88 68	89 71	85 61	89 62	89 68	82 67	81 69	78 70	88 71	88 71	89 73	92 66	81 57	81 58	80 54		81.8 61.3
GREENVILLE 2 W	MAX	79 53	75 56	75 65	69 59	80 47	83 52	85 56	82 62	85 67			84 58	88 56	87 63	89 66	89 68	84 68	85 61	88 74	85 68	85 63	84 66	87 72	86 72	90 71	92 70	86 66	81 55	79 57	80 50		83.6 62.2
HEIDELBERG LOCK 14	MAX	78 51	83 51	78 65	71 55	79 44	83 50	84 52	85 54	80 64	76 67	76 59	78 51	84 52	80 62	87 62	89 62	85 68	87 60	87 66	85 67	82 65	81 67	88 62	90 66	90 69	92 69	88 69	79 54	80 58	79 50		82.8 59.7
HENDERSON 4 SW	MAX	78 54	78 59	73 63	71 49	80 50	82 54	85 61	83 63	84 68	86 71	80 56	79 53	83 60	86 65	91 68	91 69	83 68	90 60	89 69	79 66	85 66	85 69	86 73	86 73	92 73	94 73	82 65	78 53	80 59	81 50		83.3 62.7
BINDMAN SETTLEMENT SCB	MAX	68 54	79 49	87 55	77 55	71 43	79 46	85 47	85 53	87 60	82 61	79 62	78 49	79 51	83 57	77 61	88 61	89 67	86 57	87 62	87 63	85 63	82 64	80 64	89 65	90 66	90 69	92 68	83 54	83 59			83.0 58.1
BOPKINSVILLE 2 E	MAX MIN	77 56	76 57	73 64	68 50	77 48	82 59	85 60	83 65	86 66	82 69	77 60	80 55	88 58	86 63	90 70	91 70	86 71	90 65	89 69	86 68	82 63	84 68	88 70	91 71	92 70	94 70	87 67	80 60	78 59	81 53		83.6 63.1
IRVINGTON	MAX	78 52	76 58	70 65	69 50	80 49	82 53	85 59	84 64	80 68	79 69	76 56	77 52	82 59	81 64	90 66	89 70	85 68	88 59	87 70	82 67	81 67	81 69	88 72	87 74	90	91 73	83 62	79 55	81 59	81 50		82.1 62.4
LEITCHFIELD	MAX	78 55	72 57	73 63	72 51	80 51	83 54	84 57	82 60	81 65	80 65	78 55	79 52	84 55	82 59	90 65	90 68	85 70	89 62	88 72	82 67	83 64	82 67	89 70	89 69	90 70	92 70	84 64	81 54	81 58	80 51		82.8 61.3
LEXINGTON WB AIRPORT	MAX	76 52	81 56	72 57	69 52	79 50	82 58	85 61	84 62	82 67	76 63	74 56	76 53	82 58	80 63	88 63	90 64	80 60	88 58	67 64	82 67	81 68	82 69	89 70	89 72	89 73	93 74	79 58	79 53	78 58	78 53		81.0 61.1
LOUISVILLE STAN W B AP	MAX MIN	81 55	77 57	71 58	73 50	82 51	85 55	87 60	85 63	83 68	84 67	77 60	79 52	83 58	85 64	89 65	92 66	78 63	89 61	86 65	81 66	85 69	85 69	93 72	91 75	95 74	95 76	81 62	80 55	81 59	82 53		83.8 62.3
LOVELACEVILLE	MAX MIN	80 58	80 60	77 65	73 50	80 49	84 53	86 61	84 65	85 70	85 67	86 58	85 60	88 57	91 65	92 69	92 68	84 73	93 66	90 72	86 69	86 67	88 70	86 74	87 73	92 73	94 71	88 67	82 63	82 56	83 51		85.6 64.0
MADISONVILLE 1 SE	MAX	79 56	78 57	75 67	72 50	71 49	80 53	82 58	84 62	82 69	85 72	83 60	79 53	81 60	85 64	88 69	90 68	90 73	84 63	91 69	90 69	81 66	85 69	85 69	88 73	92 72	91 74	89 66	81 55	80 58	82 51		83.4 63.1
MAMMOTB CAVE PARK	MAX	78 39	77 42	74 54	70 42	79 32	82 49	84 53	82 47	83 56	81 55	81 44	78 36	84 52	85 62	88 56	90 55	89 70	90 59	89 70	88 67	84 66	83 58	88 60	88 70	90 69	92 70	90 65	80 52	78 48	79 37		83.5 54.5
MANCHESTER	MAX	82 56	85 51	78 64	73 55	81 51	85 51	88 50	86 55	81 60	78 63	78 52	82	85 58	82	91 63	90 62	89 67	90 61	90	84 65	86 65	80 67	90 67	92 66	93 68	93 70	94 75	84 61	85 58	94		85.6 60.8
MAYFIELD 2 S	MAX	79 54	78 59	76 62	70 47	78 48	82 53	86 60	84 64	85 66	85 65	80 58	83 54	89 59	89 62	92 68	92 66	88 69	94 63	93 69	87 63	85 61	86 68	86 71	85 70	91 69	95 69	91 65	87 57	81 56	81 51		85.3 61.5
MAYSVILLE DAM 33	MAX	69 49	75 49	82 59	70 54	68 47	80 48	82 52	85 55	86 56	82 66	76 55	76 51	77 52	82 55	79 62	85 61	89 62	84 55	86 56	81 66	79 67	79 62	83 63	89 66	88 68	86 67	92 64	76 52	78 54	76 49		80.7 57.4
MIDDLESBORO	MAX	81 52	81 51	75 65	74 58	81 48	84 51	84 51	84 56	79 84	78 69	80 62	82 52	83 53	82 62	9 0 64	91 64	91 67	89 64	90 66	88 68	78 66	77 69	89 68	91 66	90 67	95 67	90 71	86 55	85 62	91 56		84.8 61.1
MILLERSBURG ML3RY INST	MAX																	89 66	86 56	84 65	82 65	81 67	83 63	89 68	90 71	91 70	93 72	91 63	78 51	79 59	80 49		
MOUNT STERLING	MAX	79 55	86 53	75 64	72 54	81 49	84 55	87 58	86 61	83 68	78 67	76 58	79 51	84 55	79 61	88 62	90 62	88 68	85 57	88 66	83 65	82 67	90 69	90 70	90 72	94 73	91 65	86 55	81 58	82 57	81 52		83.9 60.9
MURRAY	MAX	80 55	79 58	79 66	71 52	79 46	83 51	85 59	84 64	87 68	86 69	83 58	82 54	89 64	92 62	93 69	93 67	92 70	95 65	94 73	89 66	85 64	88 71	90 74	89 72	93 69	94 69	92 69	81 56	80 58	83 50		88.3 62.9
OWENSBORO	MAX	82 55	76 57	72 66	75 49	83 51	84 56	85 56	85 65	85 68	85 72	83 59	83 55	83 60	89 63	91 67	93 68	86 69	93 61	90 73	87 67	87 67	86 71	89 72	89 72	94 73	96 71	87 64	85 56	83 59	85 50		85.7 63.1
PADUCAB CAA	MAX	79 58	8 0 63	73 58	73 51	79 50		87 62	84 71	85 70	85 66	81 61	84 59	90 84	90 67	93 72	92 71	85 67	93 65	92 70	86 69	84 67	87 71	87 75	87 75	93 75	95 73	83 62	82 58	80 57	83 53		85.2 64.5
PADUCAB	MAX		80 60	79 67	74 52	78 50		84 62	87 66	84 70	85 67	87 58	85 56	88 62	91 64	91 71	94 69	84 74	94 65	92	70	86 67	85 69	88 72	88 75	93 74	94 71	83 59	82 60	80 52	84 59		85.8 64.1
PIKEVILLE	MAX	82 56	90 54	79 65	73 51	80 49	87 55	87 55	88 59	85 66	81 65	78 55	81 54	85 55	77 64	89 65	91 65	87 70	90 63	90 67		80 66	83 68	68	68	92 70	95 72	86 71		84 62	82 59		85.2 62.1
PRINCETON	MAX	78 55	75 57	74 64	72 50	78 49	80 53	85 57	83 63	84 65	85 69	80 60	80 54		88 63	89 69	90 67	84 70	88 68	90 75			86 68	85 73	85 72	90 71	91 70	81 66		81 54	80 51		83.1 62.7

See reference notes following Station Index.

able 5-Continued									D	AI	LY	T	EM	1PI	ER	AT	UF	RES	5														TUCKY 1950
Station																Day	of mo	onth															2
Statton			2	d)	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	30	23	24	25	26	27	28	29	30	31	Aver
ICRMOND TEACHERS COL	MAX MIN	71 50	77 49	83 63	75 53	67 44	76 49	82 53	83 56	85 62		76 56		78 51	83 61		87 60			87 65	87 62	81 65	82 66	80	88 70		88 71	81 65	79 53	77 55	78 48		81 0 58 9
USSELLVILLE	MAX M 18	80 57	77 57	71 83	72 56	80 49	65 53	87 64	83 67	85 67	84 65	78 60		87 62	89 65	82 75	84 70	90 70	84 62	83 73	88 85	85 86	87 71	80 74	80 73	84 74	86 73	89 68	62 57	82 81			N5.8 64 2
T JOHN SETHLEHEM ACAO	MAX MIN		76 55	73 63		68 47	79 52	82 57	85 61	80 65	80 67	80 56	74 52	79 56	61 60	80 64	88 66	90 62	83 58	68 58	87 58	81 57	83 57	80 56	88 58	87 56	67 56	91 65	80 55	78 56	78 50		81 3 57 6
COTTSVILLE	MAX MIN	61 50	79 55	75 62	73 54	80 44	64 50	85 56	83 59	66 66	82 65	80 55	62 49	68 55	85 60	92 63	83 66	91 68	93 61	91 71	68 68	85 65	65 67	92 68	81 67	93 68	84 67	86 64	84 53	82 55			85.5 60.0
RELBYVILLE 2 W	MAX M18	78 51	79 54	70 64		79 49	62 53	65 56	85 58	81 66	81 70	78 55	79 50	60 55	81 61	87 63	89 64	86 66	87 58	64 66	80 67	82 67	81 65	89 70	89 70	92 71	92 73	89 68	80 58	78 64			62.4 61.5
REPHEROSVILLE	MAX	79 52	78 52	72 51	72 50		81 49	88 52	87 54	89 59	84 59	76 57	81 51	83 51	64 52	91 64	92 66	85 70	89 61	82 69	84 68	60 70	85 71	94	96 69	96 71	96 74	88 68	78 54		83 52		96 1 59 8
OMERSET 1 8	MAX M18														80	64	89 60	66 69	89 60	88 71		85 66	84 69	90 68	88 69	93 71	92 72	90 70	81 56	81 61			
EST LIBERTY WATER WKS	MAX	78 58	75 56	78 65	77 62	76 47	80 48	63 55	85 55	84 56	76 61	76 63	77 60	85 59	84 61	79 62	87 64	90 67	88 65	65 62	66 63	87 67	81 67	84 68	91 74	91 73	89 72	90 70					83 1 61.9
1LL TAMSBURG	WAX W18	83 53	63 53	78 63	74 55	78 46	83 52		65 57	61 64	79 65	78 61	79 51	84 54	60 63	8 6 6 5	90 64	88 66	91	89	67 66	79 65	77 61	90 63	92 63	90 66	93 74	85 70	63 55	81 60			83.7 60.5
ILLIAUSTOWN	MAX M1N	75 53	78 54	74 65	66 48	77 53	82 58	84 62	85 61	79 69	60 69	79 55	76 53	60 56	78 63	86 64	67 63	85 65	61 55	61 65	75 66	78 66	62 65	87 69	68 71	84 68	91 73	66 63	75 54	74 60			80.5 61.4

EVAPORATION AND WIND

OLF CREEK DAM

able 6

RGIN D

Station																	Day o	of mo	nth														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
	EVAP WIND					.20	. 17	.21	.22	.17	.14	12	.20	.22	.21	.06	.15	.21	.21	.31	30	14	.12	.09	.19	.24	.21	. 25	.27	.19	.17		B5.52 382
	EVAP	.11	.19		39		.21 6	.22	.23	.11	.06 34	.14 10	.24 16	.23	.30	.01 7		.25				9	.34	.06	.25	.27	.19	.28	.32	.21	.25		B6.30

MAX 77 81 63 76 72 60 65 86 82 62 78 79 81 87 82 90 91 90 92 91 66 87 61 90 90 92 94 64 84 64 MIR 55 55 67 59 46 52 58 59 64 70 61 52 55 64 67 66 68 63 72 89 68 70 68 69 71 73 70 57 63 55

DAILY	PR.	ŀ
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Station

OECEMBER 1949 EDDYVILLE LOCK F

FEBRUARY 1950 EDDTVILLE LOCK F JENKINS

MARCH 1950 APRIL 1950

JENKINS SMITHFIELD 4 S

MAY 1950 JENKINS SMITHFIELO 4 S

1 2 3 4 5 6 7 8

.05 .09 .02 .69 .07 .07

1.38 .05 .38

1.05 .13 1.30 .41

.99 .52 .07 1.35

.35

.22

.50 .85 1.07 .72 1.61 .31 .25

.17 .09

	]	DA	IL	Y	PRI	EC	IPI	TA	TI	ON	1											0E	KENT LATED	TUCKY	
							Day	of m	onth															Total	
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	To	
		.05	1.65	1.60	.74					.60				.18				.65	. 26					6.0	8
	. 26 . 76	.08		1.43	1.17	.94	.08	.09		.06	.03			1.11	.02					. 22				8.5	3
J			0.5		20			-00		7.6		10		10	0.0				1 12		Oe.			2.4	

.22 .17

.17 .30 .28 .07

.56 .22

.50 .01 .08 .02 .07 .13 .98 .50 .01 .08 .08 .14 .13 .08

2.20 4.22

		CO	RRECTIONS	
		MONTH:	JANUARY, 1950	
Table 3:	Sadieville Water Works.			Amount on the 31st should be .52. Monthly total 10.96.
Table 4:	Sadieville Water Works.			Add amounts on the 31st, .03 at 7 p.m.; .02 at 8 p.m.; .04 at 9 p.m.; .06 at 10 p.m.; .02 at 11 p.m.; .05 at midnight; daily total 0.52
		MONTH:	FEBRUARY, 195	10
Table 3:	Jenkins Water Works.			Published as Jenkins, should be Jenkins Water Works.
	Sadieville Water Works.			Amount on the 1st should be .52. Monthly total 4.08
	Smithfield 4 S.			Correct daily amounts as follows: lat, .51; 2nd, .02; 5th, .03; 6th, .11; 8th, 1.97; 9th, .15; 12th, .77; 13th, .33; 14th, .85; 18th, .11; 21st, .31; 22nd, .57; 28th, .14; Nonthly total 5.87.
Tahle 4:	Sadieville Water Works.			Add amounts as follows: lst, .06 at 1 a.m.; .04 at 2 a.m.; .04 at 3 a.m.; .06 at 4 a.m.; .10 at 5 a.m.; .05 at 4 a.m.; .10 at 5 a.m.; .06 at 6 a.m.; .07 at 7 a.m.; .10 at 5 a.m.; .08 at 9 a.m.; .01 at 5 p.m.; .01 at 5 p.m.; .02 at 8 p.m.; .03 at 4 p.m.; .03 at 5 p.m.; .02 at 9 p.m.; .03 at 5 p.m.; .03 at 9 p.m.; .03 at
Table 7:	Williamstown,			Amount on the 26th should be 1.5; snow on ground should be 2.
Table 1;		MONTH:	MARCH, 1950	Average temperature for 1942 should be 48.3

.88 .66

Station	Dog Count	Prarrage:	Lathtude	Longitude	Elevation	Obe vet tin	lon	Refet to tables	Station	Index Nc	County	Бтаппаде.	Lahtude	Longitude	Elevation	vall hm duel	on		ofer to ole
APOISON DAM 43 ACOLONIS I H ALLEW ANCHORAGE ASM AMP	003: BRECEIRE 004: ALLER 000: FLOTO 0153 JEFFERSOR 024R PIEL	DOR	7 37 83 3 36 38 37 3 38 18 37 19	88 1 88 1 61 6 85 1	100 100 10 10 10 8 10	79	SA CORPE OF MNOINEERS 7A INCLE M CHARING NA RANKIM AUXIER 7P ( N LARRET MA MARY S RATLIFF	3 4 3 4 3 2 3 8	LOUISTLLE STAN ED AP	4882 4891 4841 4854	CLARE LAUREL LAWRENCE JEFFERSON JEFFERSON	4 3: 2 3: 1 3: 7 3: 7 3:	7 01 7 08 6 07 6 11	84 02 R4 08 82 37 85 40 85 44	1250 584 55R 485	wie	HIO MAN H BURGICK MID II TORRET MENTICE "A BUSTES HER MID U-FRGINERA MID US WAATICE DURKAU	14	
ARELARD DAM 28 BARN-DURY LLLE WATER WEN RABIOTOWN BARKE HARLAN WATER WEG BERWER DAM	0354 HOYD 0381 KNOX		3M 2/ 3B 32 37 48 37 38 31 37 25	#2 3 #3 5 #5 2 #3 2	0 1-4 0 000 8 837	89	TA CORPS OF ESCIPERES WID JOHN S WHATOR 7A MSS FORE SINCO WID CYRUS 3 LATSOK SP. E G YOUNG	2 3 5 7 3 4 3 3 4 2 3 5 7	LOUISVILLE 1 SE LUCAN LOUISVILLE FD 'ITT LOUISVILLE FD 'ITT	4935 4856 4967 5002	JEFFERSON JEFFERSON RALLARD BARREN MOPEINS	7 31 7 34 6 34 3 34	117	85 48 85 40 88 50 88 02 87 29	403 437 370		6A US ENGINEERS  BID OF BLANK MALONS  BID OF IL H DEITT  7A J W MC COY	2 1 4 2 1 4 2 1 3 4	
BENYLM BENTON REXLA COLLEGE BENLA WATES WORKS BOOTON 3 SM	0595 HARLAR OSII MAPSHALL OSIG MATISON OSIG MATISON OSIG MELSON		2 36 58 38 31 17 34 1 37 34 1 37 46			84	BA C C WHITEAER WID WILLIAM NALSOR OP JAMES A CHOSSMAN TA MES L D CAPTARD MA MES PAULENE COT	2 3 5 7 3 4 2 3 4 5 3	MARKOTH CAVE PARE MARGRESTER MATFIELD SUBSTA MAYSVILLE DAM 33	8097 5110 1230 5232 5243	EDWONSON CLAY GRAVER GRAVES MASON	3 33 4 33 8 34 8 34 7 34	7 11 7 09 5 44 5 42 8 38	88 08 83 46 86 39 86 38 83 42	#00 450 384 .184 534	5P 6P 5P	SP NATIONAL PARK UERV 7A KANL HOWARD TVA SP MES JOK PAYNE SA COMPS OF ENGINEERS	2 3	5 5
BOWLING GREEN NUMBER MOST A STATE OF THE GREEN STAP AP AP AS AS BROWNSTILLS LOCK S	0904 WARREN 0907 WARREN 0009 WARREN 0978 CAMPRELL 046 EDMONSON		37 00 37 01 36 58 1 9 03 37 12	88 2 86 2 86 2 84 2 86 1	8 536 6 470 8 535 5 489 0 410	MID	7A JAMES M EDWARDS TVA MIO US WEATHER OTHERAU 7A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS	3 3 2 3 4 5 7 3 3	MC MINNEYSBURG MIGDLESBORG RR STA MIGDLESBORG RR STA MILLERSBURG	5389 5394 5407	PENDLETON IN.LL DELL WOODFORD ROURISON	2 36	37	64 16 83 43 83 43 64 42 84 09	1125 1130 805	3P	MID AMANDA A AULICE MID HUGS ALLEN MID FRANK M TALIAPERRO 5P JORN B NUGENT SA W T ALEXANDRE	k 3 4 3 4 3 4	5 11
SURGIN DIE TAM LANSIDE CAMPTERISYTILE ARROLLTUN LOCK 1	1127 MERCER 1156 PULANEI 1206 TRIGO 1256 TAYLOR 1345 CARROLL		37 IN 38 59 36 46 37 20 38 41	84 4 84 3 87 5 85 2 83 1	3 770 7 703 3 424 1 777 1 480	4P 5P	SA C W WILLIAMS 7A SARAN E LEWIR 7A CORPS OF RNGINERUS SP AINA WC HINLEY 7A CORPS OF ENGINEERS	2 3 5 8 3 3 2 3 5 3 4	MILLESTOWN MENTICELLO MORNERAD STA TEACH COL MOUNT STERLING MUNPORDVILLE	5524 5555 3840	GRAYSON WAYNE ROWAN MONTCOMERT HART	3 31 2 38 1 38 5 38 3 31	7 27 5 50 8 11 9 03 7 16	88 03 84 51 83 28 83 57 85 53	580 910 770 930 800	5p	TA MRS O M LAWLES TA E O COOPER MEO U C MAGGAN SP FRED CARTMILL TA HUBERT E MODGRS	3 3 3 4 2 3 3 4	
CENTRAL CITY WATER WES LINYON OLLNGS HILL LOCK II COLUMNIA CONSTANTINE	1439 MUSHLEHRE 1631 HICKWAN 1704 MADISON 1722 ADAIS 1783 RRECEINEI	16x 2	37 19 36 41 37 47 37 06 37 40	84 0 85 1 88 1	728 8 800		MID WILLIAM A DATES MIO WOODSON D PHANELIN 7A CORPS OF ENGINEERS 7A MES HAZEL S PICKET MID MES GLENNIE L SHAR	P 3 4	MURRAY OLIVE BILL I NW OLNSY ONEONYA DAM 35 OWERGBORG	6012 8020 8033 8091	CALLOWAY CARTEN SOPEINS CAMPRELL DAYISSS	7 38 7 31 7 38 7 31	18 13 58 48	88 20 83 11 87 47 84 18 #7 09	732 380 487 420	6P	SP MERRAY WATER SYSTEM SED LOTTA ORA SOOPER SA ART D WILLIAMS SA CORPS OF ENGINEERS 7A VINGIL P CLARK	2 3 1 4 2 3 2 3	5 1
CORBIN WATER WORKS COVINGTON WE AIRPORT CYNTGIANA DANVILLE	ISO1 WHITLEY 1806 WHITLEY 1835 KENTON 1998 HARRISON 2040 BOTLE	2 2 2 4	38 58 36 37 39 04 36 23 37 39	84 0 84 4 84 1 84 4	684 955	WtD 7A	MID CAA 7A CORDIN WATER WORKS MIO US GEATHER BEREAU 7A MARSHALL JILL 7A R P COLDINON	2 3 4 5 7 3 2 3 4 5 7 3 2 3 5 7	OTENSBORO DAM 48 PADECAH PADUCAH SCS NURSKRY PADUCAH CAA AP PAINTSVILLE	6098 6115 6117 6110 6136	DAV1E66 MC CRACEEN MC CRACEEN MC CHACKEN JOHNSON			87 OR 88 37 88 35 88 46 82 48		SP 7P H	7A CORPS OF ENGINEERS OP WESTERN P LACKET 410 SOIL CONSERV SERY 41D 0 9 CIVIL AERO ADM 7A JESSE FAIRCHILD	3 4 2 3 3 4 2 3 4 3	5
DAVKLLA DELPSIA 1 8 OSEMA BUNDER BARKETTS PORD BX DUNNECS	2053 MASTIN 2132 PERRY 2139 ENOTT 2358 OHIO 2366 MURLENNESS	3	37 48 37 02 37 23 37 33 37 05	82 3 83 0 82 4 86 4 87 0	7 1760 8 850 8 430 6 610		MID NEETHA DM LONG 3D RALPH R NEALL SA: HATTIS B BARNET TA J L HUFF TA K O GIVENS	3 4 3 3 3 4 3 4	PIREVILLE PINEVILLE PLEASUREVILLE 2 3 PRINCETON RAVENNA LOCE 12	8384 8435 8575	PIKE BELL SHELBY CALDWELL ESTILL	4 32	40	82 31 83 42 85 07 87 53 63 57	831	50	8P US WEATHEM BUREAU 7A F PARTIN 8A M B MORGAN SP ALTON M HARVILL 7A CORPS OF ENGINEERS	2 3 4 3 3 2 3 3	5 1
DUNKY ILLE BUDYVILLE LOCK F BUNDATON BLIEARE FATOWN FALMOUTH	2374 CASET 2445 LYON 2469 METCALFE 2510 HARDIN 2775 PENOLETON	3	37 13 37 03 37 00 37 42 38 40	88 0	420		MA LINNIR D TARTÉE 7A CORPS OF ENGINEERS 7A JOHN E MORAN 7A ROBERT M SETTLE 8A JESSIM OLDHAM	3	RICHMOND S STATE COL RUMBEY LOCM 2 RUBSELLVILLE MUSSELLVILLE SUBSTA SADJEVILLE WATER WORKS	7039	MADISON MC LEAN LOGAN LOCAN SCOTT	4 37 3 32 3 36 3 36 4 38	44 32 51 50 23	84 18 87 16 88 53 86 54 84 32	1000 384 590 578 890	,	8A THOMAS C DERNOON 8A CORPS OF ENGINEERS SP DR S 8 MC RETNOLOS IVA ALC RICHARD E ZETSING	3.4	
FARMERS FLEWINGSBURG FLEWINGSBURG POST OFFICE FORD LOCK 10 FORDS FURRY DAM 50	2791 ROWAN 2903 FLEWING 2908 FLEWING 2953 MADINON 2961 CRITTENDER	5	38 09 38 23 38 25 37 53 37 28	83 4 83 4 84 1 88 0	870 750 593	NP 8P	7A MRS C C STAMPER 7A BYRON F FLEMING MID MAURICE O CARPENTER 6A CORPS OF ENGINEERS 6A CORPS OF ENGINEERS	2 3 5 7 3 3 4 3 2 3 4 5 7	ST JOHN BETHLEREN ACAD ST MARY SALVISA LOCH 6 SALVERSVILLE SCIENCE BILL	7096 7121 7129 7202	MARION MERCHE MAGOFFIN PULASMI	2 37	11	85 59 85 21 84 49 83 04 84 39	1085	7A ,	7A SISTER S M GSELL BID ST MARY COLLEGE 7A CORPS OF ENGINEERS BIO J M MAY SP WILLIAM 6 DOBBS	2 3 3 4 3 3 4 CLOSED	
FRANKLIN WATER WORKS FRENCHBURG GEORGETOWN WATER WORKS GEST LOCK 3	3028 FRANKLIN 3036 SIMPSON 3052 MENIFEE 3194 SCOTT 3203 HENRY	3 5 4	38 13 38 43 37 57 38 12 38 25	86 34 83 33 84 33 84 53	891 930 880 490	8A	GA CORPS OF ENGINEERS 7A HERMAN D NEAL 5P FRENCHBURG SCHOOL 8A JOE W ATKIN9 7A CORPS OF ENGINEERS	2 3 5 7 3 4 3 3 3 4	SCOTTSVILLE SERRE WATER WORKS SHELDSVILLE 2 W SHEPHERDSVILLE 3MITHFIELD 4 S		ALLEN WEBSTER SHELBY BULLITT SHELBY	3 36 3 37 8 38 8 37 8 38	45 36 13 59 20	86 12 87 32 85 16 85 44 85 16	770 360 825 450 862	8P.	5P HOBLE ALLEN 5P SEBREE WATER WORKS 6P WILLA S A SATTA 7A CONTAD MARAMAN ID F W SIMPSON	2 3 2 3 2 3 2 3 3 4	5 7 5 5
GRANT DAM 38 GRAYSON GREENSSURG	3247 BARREN 3280 HARDIN 3358 BOONE 3391 CARTER 3430 GREEN	7 7 7 3	37 00 37 54 38 59 38 19 37 18	85 54 84 41 82 51 85 31	506 589 581	7A	7A EMILY M. BEAN MID US AIR PORCE 6A CORPS OF ENGINEERS 8A SBIRLEY I STATEN 7A WRS MELL M LINGLE	3 4 3 4 3 2 3 5	SOMERSET SIVAY DEPT SPRINGFIELD STEARNS SUMMER SHADE SUBSTA TATHAM SPRINGS	7804 7877 7805	PULA981 WASHINGTON MC CREARY METCALFE WASHINGTON		41 42 53 52	84 35 85 14 84 29 85 40 85 09	738 1420		HID ROSCOE RIERCE 8A WM H COATLEY HID SARA C. ALLEN TVA HID R C DEDMAN	3 4 3 3 4 3 3 4	
GREENSBURG BIWAY BI BR GREENUP DAW 30 GREENVILLE 2 W MALETS WILL MARTFORD 5 N	3435 GREEN 3443 GREENUP 3451 MUNICENDERO 3539 CHRISTIAN 3652 OBIO	3	37 15 38 37 37 12 37 03 37 32	88 54	540		7A KENNETH STOTTS 7A CORPS OF ENGINEERS 5P C R LOVELL MID CLEATUS E BRINKLEY 6P W 8 CARSON 38		TATLORSVILLE TOMPHINSVILLE TOMPHINSVILLE TEL OFF FUNKEY CREEW SCHOOL TIRONE LOCK 5	7948 8060 8065 8144 8179	SPENCER MONROE MONROS TRIGG ANDERSON	8 38 3 36 3 38 9 36 4 38	02 42 42 45 02	85 21 85 41 85 41 88 05 84 51	488 898 899 350 524		7A MRS KATHRYN B CARR 110 JAMES T PHILPOTT 7A MRS ALICE H RALE TVA 7A CORPS OF ENGINEERS	3 4 3 3 3 3	
MAZARD KRADQDARTERS MELOMESERG LOCK 14 MENDERSON 4 SW MERNDON	3709 PERRT 3722 N.S. HOLAS 3741 LEE 3762 HENDERSON 3798 CHRISTIAN	4 5 4 7 2	37 15 38 24 37 33 37 47 36 44	83 12 84 00 83 44 87 33 87 34	860 883 382	6P 5P 6P	MID H A BAILEY 6P MES G L JENNINGS 6A CORPS OF ENGINEERS 6P FRANK STREET MID C W MEATTS	3 4 CLOSED 6/50 2 3 4 5 7 2 3 5 3 4	WEST LIBERTY WATER WES	8246 8259 8486 8551		4 37	51 36	87 57 84 28 83 21 84 34 83 15	571		6A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS 7A FRANE BOBCE 7A JOHN W TURNER	3 4 3 3 3 3 2 3	5
BODGENVILLE NAT PARK BODWINSVILLE 2 E	3821 GRAVES 3837 JESSAMINE 3899 ENOTT 3929 LARUE 3994 CHRISTIAN	4 4 3 2	36 48 37 48 37 20 37 32 36 52	84 45 82 55 85 44 87 25	1080	8A 7P	TVA 6A CORPS OF ENGINEERS 8A ELIZABETH WATTS HID ERNEST L. WRIGHT 3A W M WORRIS	3 3 2 3 5 7 3 4 2 3 5 7	WILLIAMSBURG WILLIAMSTORM WILLOW LOCW IS WOODSURY LOCW 4	8706 8714 8724 8807 8824	WHITLEY GRANT LEE RUSSELL BUTLER	2 36 5 38 4 37 2 38 3 37	38 36 53	84 10 84 34 83 50 85 08 86 38	939 943 846 610 504	8P	7A CHARLES B WEST 7A WISS N B SIMPSON 7A CORPS OF ENGINEERS 8A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS	2 3 2 3 3 2 3 4 3 4	5 5 7 5 6
SERETION MATER MORES	4093 LESLIE 4165 BRECKENRIE 4196 BREATSITT 4236 LETCHER 4241 LETCHER	GE 3	37 10 37 53 37 33 37 10 37 10	86 13 83 23 82 34 82 34	646 898 1600 1600	79	6P MRS FOREST CAMPBBLJ 7P FLOYD G ROBBINS 7A MR W M GILLESPIE HID HISBERT ELKINS 7A BILLEE L. WILLIAMS	2 3 5 7 3 3 4	NEW STATIONS HAZARO WATER WORKS MILLERSBURG MIL INST. 90MERSET 1 N	3714 5434 7510	PERRY BOURBON PULASWI	4 37 5 38 2 37	15 18 08	83 11 84 09 84 37	840 1050	5P 8P	7A BURCHELL MUNCY 5P WILLERSBURG WIL.INS 6P RADIO STA WSPC	T 2 3 2 3	5 5
	4285 LETCHER 4369 JESSAWINE 4414 LIVINGSTON 4820 GARRARD 4642 WARTIN	9	37 10 37 58 37 01 37 37 37 45	84 35 88 16 84 35 82 26	1150 950 362 1032		7A MRS SUSAN F ISON 7A MARION W MAGIN 7A TVA 8A KENTUCKT UTIL CO 8A JAMES A FIMID	3 3 4 3 3											
LETTCHFINLD LEXINGTON WE AIRPORT LUSERTY LUTTLE SICKMAN LOCK S LOCEPOWT LOCK 2	4703 GRAYSON 4746 FAYETTE 4755 CASEY 4825 JESSAMINE 4857 KENRY	3 4 3 4 4	37 29 38 02 37 21 37 45 38 28	86 18 84 38 84 38 84 38	635 979 560 485	95 M1D	8A G80NGE D LITSEY BID US WEATHER SUREAO 7A PALLIA L HANKLA 7A COMPS OF ENGINEERS 6A CORPS OF 8NGINEERS	2 3 5 7 2 3 4 5 7 3 4 3 4	I DRAINAGE CODS: 1 Bim 7 Obio	Sandy	: 2 Cumberis	nd; 3	Green	; 4 Ke	ntucky	; 5 L	icking; 6 Mississippl;		

The four digit identification numbers in the lodex number column of the Station index are assigned on a state basis. There will be no duplication of numbers within a state

Figures and letters following the station came, such as 12 SSW, indicate distance in miles and direction from the post office. Delayed data and corrections will be carried only in the June and December lesues of this builetim.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this buliatin,

Stations appearing in the index, but for which data are not listed in the tables, are either minuting or received too late to be included in this leave.

Unless otherwise indicated, dimensional unite used in this bulletls are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Dureau Type pan of 4 foot disactor unlass otherwise shown by footnote following Table 6.

Sleet and hail were included in smowfall averages in Table 1, beginning with July 1948. Amounts in Table 4 are from recording gages. Traces are not above.

Assounts in Table 3 are from non-recording eyes, unless otherwise indicated.

Date in Table 3, 6, 6 and essertly date in Table 7 are for the 2 hours assing at time of sheerwises. See the Sixion bakes for observation these. See on ground in Table 7 is at observation the for all except Scatter bares and CAM stations. The Table 8 is at the same at Table 9, as 2.9.7.

\*\*No record in Table 3, 6, 6, 7 and the Sixion index. On Forcer's in Table 3, and 5 is ladicated by no entry. Then hourly precipitation is stocked or excemulated for coveral chips, only the first and last days are shown in Table 4.

\*\*No record in Table 3, 6, 6, 7 and the Sixion index. On Forcer's in Table 3, and 5 is ladicated by no entry. Then hourly precipitation is stocked or second lackaged in Campbell 1, and the Sixion in Table 4.

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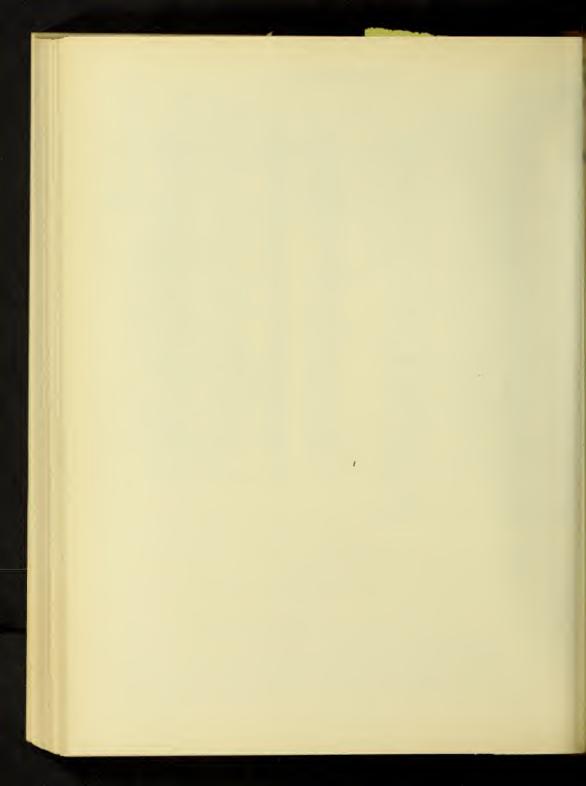
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Subscription Price: 15 cents per copy monthly and annual: 31 50 per year. (Yearly subscription includes the Annual Summery, | Chacks postal notes and money unders whould be made payable for the Treasurer of the United States. Healtinges and correspondence regarding subscriptions should be east to the Westher Records Processing Conter-140 Dear Office Building Chattaness 2. Tomestake.

W.R.P.C., Chittaneoga, Tenn. --- 8/21/50 --- 950



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CHARLES SAWYER, Secretary

WEATHER BUREAU

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# CLIMATOLOGICAL DATA

KENTUCKY

JULY 1950 Volume XLV No. 7



#### KENTUCKY - JULY 1950

O. K. Anderson, Section Director - Louisville

#### WEATHER SUMMARY

The cool wet weather of June continued through July. Temperatures were considerably below normal, making this the third coldest July on record. Precipitation again was much above normal with the average for the State being exceeded but three times in the period in which July records are available. Frequent rains, often accompanied by thunderstorms, took their toll in crop damage and caused one fatality.

Cool days and nights were intermingled with warm humid periods with the weekly average temperatures consistently below normal throughout the month. The passage of a succession of cool air masses accompanied by below normal percentage of sumshine and above normal cloud cover were contributing factors to making this month so cool. The lowest readings for the month occurred generally either on the 1st, 8th or 14th, with near record low temperatures reported during the month. The highest temperatures for the period were recorded on various days in different parts of the State. All sections of the State had negative departures from the normal. The mean temperature for the State was 73.4° which is 3.6° below normal, making this the third coldest July on record (since 1889). The monthly mean temperature ranged from 75.8° at Russellville and Wolf Creek Dam to 70.4° at Mammoth Cave Park. The highest temperature recorded in the State was 93° at Paducah and Pikeville on the 3rd, at Owensboro on the 11th and Berea College on the 19th. The lowest was 40° at Mammoth Cave Park on the 7th.

Precipitation for the third straight month has been above normal. The distribution of rainfall was again very irregular with almost all sections reporting above normal amounts, with the east central portion recording the largest falls. The lightest amounts were in the extreme north. A few stations in this area reported normal or below normal amounts. The average precipitation for the State was 6.66 inches, which as 2.47 inches above normal, making this the fourth wettest July on record (since 1889). The total rainfall in the State for this year through July has been 44.43 inches. Thus, in the first seven months, Kentucky has had almost its normal annual total of 45.17 inches.

The total amounts recorded at the various stations ranged from 12.21 inches at West Liberty Water Works to 2.94 inches at Sadieville Water Works. The heaviest rainfall reported in any one day was 3.40 inches at Henderson on the 31st.

Worst crops apparently made good growth despite the frequent rains and cool days. The few periods of warm humid weather favored this growth. However, the weather was generally unfavorable for haying and cultivating late row crops. Despite irregular growth at the beginning of the period, tobacco showed good improvement with many reports of topping. The emergence of some wet weather diseases was reported to this crop. The corn crop was good where planted on rolling land, but wet weather adversely affected lowlands. Early corn was well tasselled and shoots formed, but late corn was still in the cultivating stage. Soybeans made good growth, but because of difference in time of planting they varied greatly in size. By the end of the mouth both corn and soybeans were advancing rapidly. Small grains have been threshed for the most part with some loss from sprouting in the shock or from lodging before combining could be done. Adequate moisture was available to keep pastures in good condition and to add growth to hay crops. Frequent rains kept hay harvesting to a minimum and much cut hay was damaged. Fruit growers were beginning their harvest of peaches and apples by the end of the month.

Electrical storms during the month, accompanied by heavy rain, caused some damage in Jefferson County and one fatality in Winchester. Heavy rains and winds at the end of the month resulted in about \$100,000 worth of damage to crops in Henderson County.---W.S.

#### ACKNOWLEDGWENTS

In addition to the climatological data from some 8,000 Weather Bureau and cooperative weather stations, this bulletin marker contains records from Nydroclimater weather stations, this bulletin marker contains records from Nydroclimater Series. The Nydroclimate Network is a nationation are of rain paper—montly of the recording type which produce continuous records of precipitation. It was extellined in 1509 at the request of the Corpo of Nugleers, Department of the relation of the recording type which produce continuous records of precipitation and relation of rainfall intensity which were emissatish to the planning of flood control and related works by the Corpo of Engineers. This Network, now numbering should related works by the Corpo of Engineers. This Network, now numbering should be not contained to the Network of the Network of Engineers. These transferred annually to the Smather Bureau through working funds transferred annually to the Smather Bureau through working funds transferred annually to the Smather Bureau through working funds transferred annually to the Smather Bureau through working funds transferred annually to the Smather Bureau through working funds transferred annually to the Smather Bureau through working funds transferred annually to the Smather Bureau through working funds transferred annually to the Smather Bureau through th

Previous to the introduction of this bulletin series, data from Rydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which are issued monthly for each of 8 drainage areas enhancing the eatire United States, but elece the Network was established to meet the internal requirements, but elece the Network was established to meet the internal requirements of the Network was established to meet the internal requirements of the Network was expended the Network was expended the Network was expended to show any provision was asked for agencies and to certain public responsitories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inespection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other recorde published in this bullstin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

## SUPPLEMENTAL DATA

KENTUCKY

	Wind	direction		Wind	speed p h		Relati	ve hum	idity ave	ragee		Numb	oer of d	ys with	precipi	tation			Inset	
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	1:30 a CST	7:30 e CST	1:30 p CST	7:30 p csr	Trace	01-09	10-49	50-99	1.00-1 99	2.00 and over	Total	Percent of possible sunshine	Average aky cover sunrise to st	Degree day 65° base
CINGTON WB AP	SSW	22	8.5	_	-		88	87	82	71	4	3	3	4	3	0	17		6.5	See Table 2
NISYILLE WB AP	83	14	8.3	31	S	19	84	88	56	62	6	1	5	4	1	0	17	84	8.5	**

# COMPARATIVE DATA

ble I																				
	Т	emperatu	10	P	recipitatio	ас		Te	emperatu	10	Pı	ecipitatio	on		Te	emperatu	Z0	P	recipitatio	on
Year	Äverage	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No, of days .01 or more
889 890 891 892 893	75.1 73.0 74.0 76.5 78.8	98 101 91 100 101	50 44 47 48 50	5.62 2.66 4.08 3.30 3.48			1912 1913 1914 1915 1916	76.8 79.9 78.8 75.7 78.6	100 109 109 102 102	53 48 43 49 52	5.50 2.54 3.20 5.30 4.17	0 0 0 0 0	12 7 6 11 9	1935 1936 1937 1938 1939	78.8 81.4 75.6 77.2 76.5	103 113 102 100 102	55 46 41 52 50	5.16 3.78 3.04 7.27 4.83	0 0 0 0	10 10 7 11 9
894 895 896 897 898	76.2 75.2 77.4 77.8 77.8	105 99 103 107 102	43 49 47 50 48	2.03 5.75 7.44 4.79 4.71	0 0	9 11 10 11	1917 1918 1919 1920 1921	75.3 73.8 79.5 75.2 81.1	100 103 104 99 106	50 46 50 44 52	4.38 3.28 2.10 3.83 2.65	0 0 0 0	11 8 5 9 7	1940 1941 1942 1943 1944	75.5 76.5 78.1 77.8 77.5	102 106 101 102 103	46 51 48 48 45	2.68 5.71 4.71 4.21 1.93	0 0 0 0	7 9 9 9
899 900 901 902 903	77.3 77.9 81.7 78.1 77.5	100 101 112 107 104	47 50 48 48 49	3.78 4.91 1.72 1.91 3.53	0 0 0 0	9 11 5 6 8	1922 1923 1924 1925 1926	76.4 76.8 73.7 76.7 77.6	102 99 99 105 107	47 44 45 46 43	4.77 3.59 3.63 3.93 4.36	0 0 0 0	9 8 8 9 9	1945 1946 1947 1948 1949	75.2 76.1 71.6 77.1 79.5	104 100 102 103 100	46 45 40 46 55	3.33 4.23 3.84 5.04 4.09	0 0 0 0	8 9 10 12 10
904 905 906 907 908	75.2 75.9 75.2 78.1 76.9	99 102 100 102 100	46 52 51 40 50	3.40 5.93 6.02 4.71 3.94	0 0 6 0	10 13 11 9	1927 1928 1929 1930 1931	75.7 77.0 76.7 80.5 79.9	101 100 101 114 104	45 50 46 45 51	3.71 4.07 3.97 1.25 3.85	0 0 0 0	9 8 9 5 8	1950	73.4	93	40	6.66	0	
909 910 911	74.8 76.2 75.8	99 96 105	48 51 42	6.01 8.63 2.28	0 0 0	11 16 7	1932 1933 1934	78.5 77.0 81.2	103 106 110	49 47 57	4.31 6.05 4.36	0 0 0	8 10 10	Period	77.0			4.19	0	

# CLIMATOLOGICAL DATA

KENTU

				Tempe	erature									Precipitatio	on .				1 1950
								No. o	f days					Snow	, Sleet, Ha	ıil	No	of day	78
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32* or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at oben.	Date	.01 or more	.25 or more	1.00 or more
WESTERN DIVISION																			
BEAVER DAM FORDS FERRY DAM 5 GREEWYLLE 2 W HENDERSON 4 SW HOPKINSVILLE 2 E	74.0 75.1 73.3 73.5 74.5	- 4.1 - 4.5 - 6.0 - 4.6	91 90 89 89 90	3 3+ 11+ 3+ 2+	55 56 55 55 59	8 14 8+ 1+ 8	0 0 0	3 4 0 0 3	0 0 0 0	8.89 4.18 9.10 7.42 4.90	3.23 1.43 5.30 4.21 1.05	1.44 1.98 1.88 3.40 .98	13 4 31 31 31	.0 .0 .0	0 0 0 0		11 12 13 11 14	8 5 10 8 8	2 1 3 1 0
LOVELACEVILLE MADISONVILLE 1 SE MAYFIELD 2 S MURRAY OWENSBORO	74.7 74.4 73.9 75.3 75.5	- 4.9 - 5.2 - 2.4	90 90 89 92 93	2 3+ 1+ 2+ 11	55 54 56 56 55	14 8 8 8 14	0 0 0	1 3 0 5 7	0 0 0 0	7.27 4.36 7.14 9.21 4.72	4,60 3,26 1.42	1.54 .72 1.35 2.15 1.90	23 26 23 23 26	.0 .0 .0	0 0 0 0		12 14 10 13 10	10 7 9 10 6	4 0 4 4 2
PADUCAH CAA PADUCAB PRINCETON RUSSELLVILLE	75.0 75.6M 73.2 75.8	- 4.8 - 5.4 - 2.4	91 93 88 92	2 3 19 2+	57 58 57 56	14 10+ 8+ 8	0 0	3 0 6	0 0 0	6.83 5.59 4.75 8.36	2.16 1.28 4.08	1.72 1.05 1.11 2.42	25 5 18 14	.0 .0 .0	0 0 0		13 11 12 13	8 7 7	3 1 1 2
DIVISION CENTRAL DIVISION	74.6									6,48						1			
ANCBORAGE BOWLING GREEN WB AP BURGIN DIX DAM CAMPBELLSVILLE CARROLLTON	72.7 74.4 73.6 73.6	- 3.5 - 5.0 - 4.5	88 92 90 90	3+ 3 3	34 55 54 55	8 8 7 1	0 0 0 0	0 2 1 1	0 0 0 0 0	5.75 5.89 7.85 8.60	1.57 1.62 3.69	1.80 1.58 1.45 2.00	19 18 26 31	.0	0 0 0		12 16 15 13	5 8 9 8	1 1 2 5
COVINGTON W B AIRPORT DANVILLE FRANKFORT LOCK 4 GREENSBURG IRVINGTON	72.2 72.5 72.8 73.0 73.4	- 3.2 - 4.4 - 3.9 - 4.3	87 88 90 90 89	10+ 4+ 20 4 29	55 54 52 56 56	1+ 7 1 1+ 7	0 0 0 0	0 0 1 1 0	0 0 0 0	4.39 7.50 8.07 8.12 8.97	3.09 1.98 2.03 3.89	.89 1.70 .83 1.13 2.36	24 26 14 5 31	.0 .0 .0	0 0 0 0		13 15 16 13 11	6 11 10 10	0 2 0 2 3
LEITCHFIELD LEXINGTON WB AIRPORT LOUISVILLE STAN W B AP LOUISVILLE WB CITY MAMMOTH CAVE PARK	72.8 72.4 74.7 75.6 70.4	- 4.5 - 3.5 - 2.9 - 3.0 - 5.8	89 88 90 89 89	2+ 3+ 3+ 3+ 19	55 55 59 61 40	8+ 1 7+ 14 7	0 0 0 0 6	0 0 2 0 0	0 0 0 0	8.77 6.84 5.51 3.90 6.72	3.05 3.19 1.81 .20 2.41	1.88 1.57 1.60 .89 1.40	13 26 18 19 28	.0	0 0 0 0		15 13 11 12 12	9 9 7 7 7	1 3 1 0 4
ST JOHN BETHLEHEM ACAD SCOTTSVILLE SHELBYVILLE 2 W SOMERSET 1 N WILLIAMSTOWN	72.2 73.7 74.0 72.6 72.9	- 4.4 - 2.9 - 3.9	89 92 90 88 86	12 2+ 11 2 1+	54 51 54 51 55	8 7 8 1 14	0 0 0 0	0 4 1 0	0 0 0 0	7.88 8.98 6.69 6.01 3.31	4.45 2.71 47	1.70 3.02 1.79 1.22 .62	27 13 19 26 20	.0 .0 .0	0 0 0 0		14 14 14 17 13	9 9 7 8 6	3 2 3 1
WOLF CREEK DAM	75.8		92	3+	55	1	0	8	0	8,25		1.25	19	.0	0		15	10	2
DIVISION	73.3									8.50					X				
EASTERN DIVISION																			
ASHLAND DAM 29 BENHAM BEREA COLLEGE CORBIN CAA FARMERS	74.4 72.7 72.6 71.5 70.8	- 2.3 - 3.8 - 4.5	92 91 93 87 88	17 28 19 3+ 3+	53 49 51 49 47	1 1+ 7 1	0 0 0 0 3		0 0 0 0	4.81 5.88 10.88 5.61 5.78	6.13 1.02	1.09 .95 2.50 1.24 1.38	6 5 5 27	.0 T	0 0 0		14 22 18 15 14	8 7 9 9 7	1 0 3 2 2
HEIDELBERG LOCK 14 HINDMAN SETTLEMENT SCH MANCHESTER MATSVILLE DAM 33 MIDDLESBORO	71.9 71.9 74.0M 70.8 74.4	- 4.3 - 8.1 - 1.1	88 90 90 87 90	3+ 4 3+ 18+ 3	50 50 49 51	1 1 1	0 0 0	0 1 0 1	0 0 0 0	6.56 6.65 6.87 6.84 4,56	1.51 2.39 28	1.22 2.38 1.70 1.26 .99	27 21 6 20 21	.0 .0 .0	0 0 0		14 16 14 15 14	6 8 8 10 6	2 1 1 3 0
MILLERSBURG MILTRY INST MOUNT STERLING PIKEVILLE RICHMOND TEACHERS COL WEST LIBERTY WATER WKS	72.0 73.7 75.0 70.8 73.8M	- 2.8 - 8.2	89 90 93 88 90	3 19 3 4 2	51 55 56 52 53	27 1 1 1+ 8	0 0 0	0 1 2 0 1	0 0 0 0	5.19 8.45 6.01 9.70 12.21	1.41 5,37	1.44 1.57 1.80 2:29	26 26 5 27	.0 .0 .0	0 0 0		11 13 13 15 14	10 10 11	2 1 3 4
WILLIAMSBURG	73.7	- 3.4	90	4+	51	1	0	2	0	5.46	.42	1.00	14	.0	0		14	7	1
DIVISION	72.8									8,96									
STATE	73.4	- 3.8								8,86	+ 2.47								

DAI	[Y	PRE	CIPIT	ATION

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Station	1	1	2	3	4		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			27	28	29	30	31
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A COLLEGE A WATER NORKS ON 2 SW ING GREEN ING GREEN SUBSTA	R			. 018	.9	1 2	48	.95 .10 .03						. 48		1.07 1.04 .59		.13 .14 .05	.83 .37 .05	.22 .19 .06	.32 .11 .25 .40	.08 .35 .73 .14	.07 .12 .03		. 04			I,R0 1,34 I,31 1,21 1,24		.78	1.37		.47
ING GREEN WS AP ING GREEN WS A	R			.02		5 5 3 0	25 23 25 14	T .83 .01 .15					.01	. 23	.68 .6R	T .71	.04	.03 .04 .25	.05	1.58 1.62 .14 .41	.10	.15 .02 .02 .87 .18	.01		.99 1.03	T 1.00 .36 .05	.74 .59 .49 .31	.36 .45 .20 .55			т		.58
IDE LOCK E ELLEVILLE LLTON LOCK 1					.9	7 6 1.	53 57 74	.47	_					.20	. 14	.90	T .04	.07	.18 1.00 1.09	. 18 . 07 . 62 . 28 . 05 . 20	,65	. 58 . 28 1. 28				1.55 1.20 1.11				т		.03	T .71 2.00
LLTON LOCK 1  LLTON LOCK 1  AL CITY   1  GE HILL LOCK 11  SIA L# COLLEGE				. 09	1.1	3 .	15 32 58 03 45	. 15						.12	. 28 .86 .12 .55	-		.10	. 19 .28 .23 .55	. 40 . 03 . 07 . 40	.60 1.72 .32 .30 .43	.05 .47 .74			.01	.06	.16	.30 .50 .62	.20			.40	T .27 .33
BIA L# COLLEGE ANTINE F R CAA TOON N B AIRPORT IANA LLE			T	T .01	. 2	1.0	45 92 30 24 83	.45					.01	1.66 .01 .02	.68	.52	.35	.10 12 .43 .13	.03 .07 .27	.10	,59	.08	T T	.03	.14 .24	.11 .25 .06 .38 .89	.48 T	1.85 .25 1.40 .45 .51 .41 1.70	1.40	.01			2.05
LA F IA 1 E				.44	. 41		13 86 10 21 20 19	.54 .16 .23 .15						. 63 .34 .33	.83	.10	. 73	.03 .06	.61	.33	.82 .40 .27	.53 .40 .43 .06 .78 .76 .16	.16 .32 .40 .38 .15		.08	.05	.35	.41 1.70 2.45 .46 1.13 1.95 2.02	. 29	.03	Т		.01 .02 .11 .12
E BARRETTS FRD B E BARRETTS FRD B E R LLLE LLLE LOCK F				. 25	.55	٠,		.02	.88					.32	.60 1.13	.55 1.00 .15 .10		.12	. 14 . 47 . 85 . 25	.56 .29 .20	.26 .44 1.18 .75	.76 .16 .34 1.06 .29	. 15	.02	.05	.38		.95	.08 .06				.45
FON R SETETONN JEE S S S S S S S S S S S S S S S S S S				. 59	.63 2.00 .50 T .71	3 2.	22 41 41 83 55	.20						,58	.61 .10 .40		.10	. 10	.09	.85 1.06	.03			т	.83 .16 .04 .01 T		1.55 .31 1.25 .29	.22					.46
DCK 1	-		.04	. 17	. 75 1. 98 . 38 . 08		49	. 22						.01	.43	2.00 .36 .34 .11 .02		.45 .02 .02 .04 .14	. 13 . 06 . 05 . 19 . 23 . 38	.07 .05	.40 .51 .95 .36 .11 .12 .81	.05 .75 1.11 .53 .25 .83 .16 .04	.52 .03 .03	.02	т			.42	1.38 .28	. 20 T	.18		.06 .25 .39
FERRY DAW 5 FERRY DAW 5 FORT LOCK 4 LIN WATES WORK5 LIN WATER NORK5 BBURG ETOWN NATER WORK				. 05	1.31		14	. 34							1.54	.83		.16 .09 T		. 25	.12 .81 .45 .01 .54	02	.27	. 13	.08 .03	.03 .10 .07 .04 .83	.23 .07 .24 .75	.18 .63 1.57				.15	.20
ETOWN NATER WORK LOCK 3 LOCK 3 R ON DAM 38			. 28	.30	1.09 .08 .08			.00 .00 .13 .11 .02 .04 .39 .28						.33	.36 .95	.52 1.26 .96 .06 1.02		.05	.24 .45 .23 .02	.11	.53	.84	.54	Т	.04	.05 .07	1.30 .26 .04 T	1.54 .25 .58	.79 .39 .31	2.00	.54		.01
58URG SBURG BINAY 61 B					. 46	1.5	13 .	28 20 19							08 .50 .68	.41		.01 .30 .10	.31	1. 15 .33 .35	.53 .14 .30 .45	.76	.06	T .02	.15	.71	.60	54 .45 .43	.70 .45 .39		0.4		.15
UP OAN 3 VILLE 2 W S MILL R DOED 6 N D D NATER WORKS R				.59 .02 .26 .03 .07			10.1	.30	.02				.01	.06 T	.56 .78 .54 1.31	. 09	.03	.10 .67 .55 .12 .56	.62	.92 .45 .39	.30 .53 .23 .37	.05 .03 .72 .70			.06	.20	.27 .30 .51	.06 .73 .02 2.10 1.09	.02		.84	.03	
D NATER WORKS R LBERG LOCK 14 LBERG LOCK 14 R R50N 4 5N ON R	1 _		- 1	.49	.58	1	37	24	-	-	-		-	.02	1.15 1.00 T	.05	. 05	.21 .08 .20 T	.18 .15 .43	.10 .05 .05 .48 .13	.60 .49 .12				.11	.06 .26 .19 T	.04	.53 .70 1.90 .81				T .16	.30 .40 .80
BRIDGS LOCK 7 AN SETTLEMENT SC SVILLE NAT PARK R SVILLE 2 E				. 10	.65 .83	.0	4		.01					.01	.19 .06 .79 .06	.36	.01	. 11 . 15 . 17	.55 .34 .28 .58	.91 .06 .04 .46 .40	.29 T .79 .14	.29 2 .89 12	.50		.45	.35 .02 .04 .03	.01	1.18 .67 1.29	.57 .71 .57			ji	.61 .18 .98
OTON 15 R 15 NATER WORKS 1.AH					.05	1.4	10 -	49		-	-		-	.18	.35	.18	. 07 T	.33	.04	.09 .30	.35	.23	.50		.07	.05	.10	.56 1.44 1.11	.05	.22		.16	.17 .36 .30
2 N CKY DAM CKY OAM CKY OAM CYTER 1CS PLANT	.0	1		.14	1.40 .88 .92 .50	1.1	0 .	04 67 15						,3	.35 .03 .43 .92	.50	.22	.05 .11 .10 .11	.50 .10 .46	.88 .48 .27 .15	.75 d	.65 .18 .43 .22 1			.52	.10	.62	.20 .66	.35 T				.26
TON WB AIRPORT R Y Y R BICKMAN LOCK 8			r			.3 .5 1.5 1.3 1.9		53 06 50						.64 1 * 1	.57	.62	. 01	.05 .26 .20	.02 T	.72 .35 1 e .18	.32 .03 .22 .82 .54		17		.05	.21 T .17 .01	.02 .02 .01 1	.57	.11				.01 .10 .10 .53
HICKMAN LOCK 8 R RT LOCK 2 K 1 5 //R 3 SN R LOCK 3					1,70	.7	5 .	10 21 25						. 28 1	. 63 . 36 . 40	.99	.03	.07 .22 .38 .46	.14	.09 1	.02 .34 .59 .15	.29 .98 .64	20		.01	.63 .27 .09 .21	2	.16 .23 .93	.24		.93		23 1 33 16 39
LOCK 3 R ILLE BONMAN FLD R ILLE STAN W B A R ILLE OPPER GAGE ILLE WS CITY R	. 0:	2		.02 1 T	.85 .21 .27 .04	.5	7 7 9 .4	06						.57 .27 T	. 10 . 76 . 59 . 08 . 37	.14	r	. 50		.36 .60 T	.93 .81 .89 .30	.23 .10	09		.19 .31 .04	.06	T .10	.78 .80 .76 .55		90	.08	.10	21 8 14 3 17 5
CEVILLE R NVILLE 1 SE NVILLE 1 SE R B CAVE PARK				. 27	.26 .45 .14 .09	.6		03	01					.09 1		.47			00 1 26 1 47 41	.20 .21 .65		.44	08		54 42 01	.80 1 .52	.10	.09 .93 .72	. 15		1	27	13 3 10 7 46 10 50 4 14 5 19 6
					Ĩ				-									.10	1	. 23	.12	.12			37 1	.33	1	40				1.	19 6

notes foliov

Table 3-Continued															_																JULY	1850
Station	_	-	-			-	7		_	10	11	12	12	14		of m		18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
	1	2	3	4	5	1.70	1	8	9	10	11	12	13	.13	.31	16	.58	. 19	.15	.27	21		23	.12	.72	.71	.21	20	29	30	31	6.67
MANCHESTER MAYFIELD SUBSTA MAYFIELD 2 S MAYSVILLE DAM 55 MAYSVILLE DAM 35 R		.40		1.32 1.03 1.09	. 80 . 68 . 08	.53						. 26	.35 .65	,56	.31	.20	.37	.97	.09	.39 1.15 1.26 .40	.37 .08 .44		1.24 1.35	.04		.65 .45 .07	.32		.53		.50	6.26 7.14 6.84 6.86
MC RINNEYSBURG //R MIDDLESBORO MIDDLESBORO RR STA R MIDWAY 2 S MILLERSBURG //R		.25		.01 .84 .61 1.30 1,31	.66 .25 .27 .60	.07						.02	1.15	.21	.12	.28 .66 .29 .20	.03	.57 .55 .05	.91 .01 .20	.16 * 1.28 .96	.98		.05 .14 .13 .02	.05	.05	.56 .05 1.30 1.52					.08 .15 .23 .11	5.51 4.56 4.46 6.21 5.54
MILLERSBURG MLTRY INST MILLERSTOWN MONTICELLO MOREHEAD STA TEACH CO R		. 04	.35	.15	.91	.40						.12	.60	.61		.91	.20 .11 .15	.27	.28 .84 .10	1.21 .49	T .15	.50	T .11 .49	.49 .50	.47	1.44 .82 .71 1.50	.19	.01			.72	5.19 5.07 5.41 6.48
MOUNT STERLING MUNTORDVILLE		.21	.77	.75	1.18	.04						.02	.81	.39	.02	.76		.59	.28	.55	.01		.04	.65		1.76 .38 .58	.19				.10	8.45 4.04 6.60
MUNFORDVILLE R MURRAY OLIVE HILL 1 NW OLNRY		.31	.01	1.48	.33	.04					. 02	.52	.03	. 53	.02	. 10	Т	1.46 .5R	.65	1.12			2.15	.04	.58	.50 1.57 .72				T .19	.56 .33 .76	8.21 5.76 3.95
ONEONTA DAM 35 OWENSBORD OWENSBORD DAM 46 OWENSBORD DAM 46 PADUCAE CAA		.02	.37	.09 .11 .08	.03 .23 .25 .24	.81 T						т	T	.74		T .50	.05 .03 .01	.14 .13 .16 .45 .45	.71	.77 .50 .59 .58 .15			.01 .09	.12 .27 .17 .56	.87 1.06 .46 .07 1.72	.06 1.90 .45 .83 .05	.30			.03	.38	4.06 4.72 3.29 8.83
PADUCAH PADUCAH SCS MURSERY R PAINTSVILLE PIKEVILLE PIKEVILLE R			.16		1.05 .41 .27 .28	.32 .52 .50						.45 .02 .92	.45 .15 .46	.55 .69 .3R	.04 Ť	.30 .26 .36 .38 .55	.52 .02	.60 .29 .01 .02 .03	.72 .63 .04	.20 .17 .04 .54 .68	.92 .36 .05		.68 .98	т	.60 .37 .57	.92 .43 1.57 1.54	2.32		.20	.10	.29 .07	5.59 4.19 6.17 6.01 6.00
PINEVILLE PLEASUREVILLE 2 5 PRINCETON RAYENNA LOCK 12 BICHMOND TEACHERS COL				.05 .56 .61 .48	.75 .49 .86 1.60	.45					.01	.02	.10 .40 .16 1.39 .62	.59	.54	.41	.42 .11 .16 .16	.23 1.11 .08 .16	.39 .20 .16 .49	.49 .22 .38 .85	1.22 T	т	.56	.14 .30 T	.07 .55 .03	.99	.12 .60 1.35 1.40	.04	.60	.02	.20	4.89 5.12 4.75 7.28 9.70
RUMSEY LOCK 2 RUMSEY LOCK 2 RUSSELLVILLE RUSSELLVILLE SUBSTA SADIEVILLE WATER WORK R				.05	.14 .04	.75						.11	.10	2.42		. 15	.15 .40 .95 1.12	.46 .20 .94 1.00 .02	. 18 . 10 . 48 . 56 1, 05	.10 .29 .06 .08	. 26		1.05	1.65	.25 .09 .10	.90 .90 .62 .62	.12 .16 .27			.08	.32 1.45 .30 .25 .03	4.11 5.11 8.36 8.64 2.94
5T JOHN BETHLEHEM ACA 5T MARY SALVISA LOCK 6 SALVERSVILLE //R SCOTTSVILLE			T .59	.52 .54 .94 .88	. 24 . 26 . 28 . 72 . 18	. 12 . 15						. 69		1.55	.08	.22 .13 .02 .68	.54 .45 .13	.22 .25 .12 .06	.88	1.10 .50 .79 1.09 .07	. 10	T	.13	.39 .14 .18 .09	т	2.25 1.11 3.29	1.70 .29 .03 .03	.31	.41		2.95 .62 .35	7.66 10.33 5.09 9.69 8.96
GEBREE WATER WORKE SHELBYWILLE 2 W SMITHFIELD 4 S R SOMERSET HIWAY DEPT R SOMERSET 1 N		. 20	. 16	.10	.08	. 07					.07	.32 .59	.98 .91 .45	.02	.01 .08 .27	T .15 .19 1.28 .70	.11 .05	.50 .02 .33 .21	.02 1.7 .93	.27 .41 .12 .39 .13	т	.01	.01 .03 .56 .15	.60 1.11 .24 .61 .60	.20	.80 1.05 1.11 1.15 1.22	.01	.07			1.04 .20 .60 .76	4.11 8.69 4.93 6.67 6.01
SPRINGFISLD STEARMS R SUBMER SHADS SUBSTA TATHAM SPRINGS TAYLORSVILLE				.77	.11 .52 1.75 1.08		т					.06	.03 .56 .41	.51 .75 .17	.49	.06 .59 .07 .31	.13	.54 .47 1.40 .31	.76 .3	.48 .99 .24 .32 1.52	.84		.44	1.15	.05		.08 .06 .56		04	-	T .57	6.34 6.27 5.61 4.85
TOMPKINSVILLE R TURKEY CREER SCHOOL, TYRONE LOCK 5 UNIONTOWN DAM 48 UNIONTOWN DAM 49 H			. 25	1.25 .70 .75	1.65	.05					. 03	.72	. 52		.15	.03	.25 .55 .16 .17	. 29 . 65 . 05 . 60			.25		.49 1.43 T	.64 .52 .06 .12	.10	.96 1.02 .44 .46	1.55 .50 .42 .10				2.20 .5R .04 3.76	10.75 6.60 5.70 5.38 7.04
VALLEY YIEW LOCK 9 VANCEBURG DAM 52 WAYNESBURG 6 E W8ST LIBERTY WATER WK WILLIAMSBURG	-	-	.35	.35 .49 .07 2.00	2.00	.76 1,80 ,90	. 02		-			. 25	.20 1.57 1.26 .64	.20 .10 .45	.33	.06 .14 .40 .10	.35	.10	. 44	1.20	.23 .41 .13 2.12 .77			.05 .05 .17 .05	.12	1.08			.02		.10	5.69 9.07 12.21 5.46
WILLIAMSTOWN WILLOW LOCK 13 WOLF CREEK DAM WOLF CREEK DAM WOODDURY LOCK 4			. 26	.75 .26 .59	1.13	.60						.16	.06 1.60 .23 .13	.45	. 05	.10 .10 .20	.15 .20 .14 1.14	1.92	.35 .08 1.25	.62 .35	.57 .52 .54	.02	. 05	.05 .25 .40 .49	.50	1.39	. 22 .75 1.00 .17 .38			.17	.10 .19 1.14 .37	5.51 7.57 8.25 9.00 9.92
WOODBURY LOCK 4 R			, 05	. 76	. 08	1							. 83	.01		1.04	. 16	1.68	.02	. 02				.31	. 05	. 53					1.43	7.67

ible 4																									JUL
Station								ur end	ing			1			_			P	М Но	ur end	ing				
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
													-1s	st-											
ENINOSBURG POST OFF					-		-	-	-			-													
ARBOURVILLE WATER WKS													-2	d-											
NABOUNVILLE WATER WKS KST LOCK 3 YYSVILLE OAM 33 Z KINNYYSBURG ILLERSBURG ILLERSBURG OREMFAD STA TFACH COL LIVE HILL I NA FENSBORO OAM 48 OOLSVILLE WATER WORKS EITHFIELD 4 S															. 27	10.	03	04	01						08
E KINNEYSBURG ILLERSBURG DREHEAD STA TEACH COL														15	24 05		. 05	10	0.1						
LIVE HILL I NO VENSBORO OAM 48							01	10									.14	10 I4		01	01				.01
ADIEVILLE WATER WORKS														:	:	:	. 20	٠	٠	٠	٠	٠		٠	٠
													-3	d-											
OLPHUS 1 N RBOURVILLE WATER WKS XTER HARLAN WATER WKS				01	01					.10					.01	.12	. 01				02	. 01			
WLING GREEN WB AP			. 02		10	01										.02						02	01		.06
NTRAL CITY INTON VINGTON W B AIRPORT	6													01	01		.08	. 01							
MONTON RDS FERRY DAM 50 LEYS MILL														34	. 23	.01			. 01			٠	. 04	. 93	10
IZARO IDELBERG LOCK 14													09				.16	. 01					. 04	. 55	. 07
NTUCKY DAN GLICK 1 S UISA LOCK 3																.14									49
DUISA LOCK 3 CAS OISONVILLE 1 SE														. 60	. 07	.01					.01			.01	
NERHEAO STA TEACH COL														.01		.04	.01				.01			. 11	. 24
IVK BILL 1 NW OUCAH CAA DUCAE SCS NURSERY	6															*				. 37				. 28	. 27
OUCAH CAA DUCAH SCS NURSERY MERSET HIWAY OEPT HONTOWN DAM 49																. 01	.18	.01					. 03	. 21	. 05
LF CREEK OAM DDBURY LOCK 4																. 28		.01	. 04						
DICOV DAY 45													-4	h-											
DISON DAM 45 DLPBUS 1 N RBOURVILLE WATER WKS	7/		. 26	. 11	. 01	. 01	. 01	.11		. 05	33		. 02		. 11	.05		. 01	. 04						. 24
XTER HARLAN WATER WES NTON 1 SW REA COLLEGE			.01	.01	. 01	.05 03	15 . 19 . 27	.14	07	.01 .04 01	.01		. 02	.01	. 10	.02	. 01	.01	.04						. 18
WLING GREEN WB AP NTRAL CITY		10	.01 .01 01 29	. 29	.02	03	27	.14 .14 .01	. 03	.01	.01	. 01		. 01	. 01	.01					. 17	. 01			
INTON NSTANTINE VINGTON W B AIRPORT	6	01	. 01	.01	79 03	.26	.02	02				. 01	. 01	. 01	.01	.01									. 04
VELLA NOEE BARRETTS FORO BR	6	03	29	.01	.11	.01		.01	.10	01		.01	28	. 01		. 01									
MONTON EMINGSBURG POST OFF RDS FERRY DAM 50		16	- 03	-	-	-	_	.03	. 02	.31	. 83	. 03	.01	-	01	_	. 65	. 10	01						
ANKLIN WATER WORKS ST LOCK 3 LEYS MILL			01	. 01	03	.01	. 01	. 01	.05 01 .01	.01	01							.74	.01	. 03	. 04			.01	
	11	22 . 27 05	.08	.01	. 03	. 22	. 65	13	04	01				09	. 12	09				. 11	17				.16
IDELBERG LOCE 14 DGENVILLE NAT PARK NEINS		05	.19	. 21	.18	07	.05	. 01		. 01	. 01		-			.05									
NTUCKY DAM XINGTON WB AIRPORT			.16	15	.07	.11	.09	.01			. 08					.03							.05		
BERTY TTLE BICKMAN LOCK 8 GLICK 1 S			.14		. 26	.06	.10 .02 .30	.01 .02 09	01	.01 04 .03	.02		.01 06	04 65	.02	. 01	01		45	.10					.01
GLICK I S UISA LOCK 3 UISVILLE BOWMAN FLD UISVILLE STAN W B AP UISVILLE WB CITY			. 30 . 08 . 18	.17 01 .03	.26 10 .06	.02	. 08	45	20	04	. 01			19	. 03	01	.01	01	01						
		.02	. 01	. 04	.03	.01 .07 02	01 05	.06	01	. 01	. 23	.01					.01	01							
OISONVILLE 1 SE YSVILLE OAM 33 KINNEYSBURG						02 91	.12	. 02	.01	.02	. 01						.01								
DOLESBORO RR STA LLERSBURG REHEAO STA TEACH COL				27	. 38	60	. 05	01				. 01	. 10	53	. 02	. 10	. 01	.01							
REHEAO STA TEACB COL NFOROVILLE IVE BILL 1 NW		01	16	14 16	. 38 19 . 01 . 02	.07	05 08 01	.01	.05	01	. 01		0.1	.04	. 04										
ENSBORO DAM 46 DUCAH CAA	6	02	0.5	01	*			. 81		171	.01		. 01	.12	. 01		.01			. 53					
MARYS COLLEGE			. 06	.09	33	0.9	02	42	01			. 01	. 01			. 31									
EVILLE HARYS COLLEGE YERSVILLE TBFIELD 4 S LERSET BIWAY OEPT	11		. 30	. 09	. 02	26	.01	.03	.02 03 .01		. 01	. 02	. 08		.03	. 03									
BERSET BIWAY OEPT EARNS HAM SPRINGS SPKINSVIILE										.05	06	.10		. 02				.01	. 03	.01					. 01
PKINSVIILE IONTOWN OAM 49 F CREEK DAM		. 16	. 14	12	03	.01		. 08	28	. 47	.01	.01				.16	.18	.06				•			
OOBURY LOCK 4			. 03	. 02	58	02			. 30	06	.08	. 01					.05	. 08	. 01						
ITSON DAY 45				-1									-5t	h-											
DISON DAM 45 DLPBUS 1 N RBOURVILLE WATER WKS		. 01	.01	. 07	02	01		03	10	. 17	.05 .19 .07	. 31	. 07	. 19	01	.03	. 01					. 04	. 01	. 04	.06
TTER HARLAN WATER WES		60	. 07							03	. 07	.10	. 23	02	. 36	.07	. 03	.01	01			.01	.06	. 04	.02
REA COLLEGE VLING GREEN WB AP RROLLTON LOCK 1		01	01	. 09	11	.22	52	. 22	. 22	.04			. 22	02			86		.07	. 09					

#### HOURLY PRECIPITATION

Table 4-Continued	T				A. N	M. Hou	r endi	ng	_								P. b	4. Hou	ır endi	ing					
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
CENTRAL CITY CLIFTON CLIFTON CONSTANT THE COMBIN CAA COVINGTON W B AIRPORT 6 COVINGTON W B AIRPORT 6 ELGHI NOSEMUR PORT OFF ELGHI NOSEMUR DAN 50 FRANKLIN WATER WORKS GEST LOCK 3 BALEYS WILL	.0\$ .01	01 0S .04 02 03 01	12 * .01 .09 06 03 12 .02 28	.01	.03	.01	.01	01 .09 .11 .20	* 04 01 02 .02	* 07 10 .01	* * * 06	.01	* * 01 .01	. 41 . 69 . 01	.01	* * 01 .01	.03	*	.01	. 6S . 03		•	٠	. 02	. 59 . 03 . 30 . 88 . 19 . 41 . 49 . 08 . 27 . 18 . 73
BEITELBERG LOCK 14  HOGGENVILLE NAT PARK JERKINS  LITHE HAT PARK LITHE HICKMAN LOCK 8  LOGLICK 15  LOGLICK 15  LOGLICK 15  LOGLICK 15  LOGLICK 15  LOGLIST LIGH BOWGAN FLD  LOGISTILLE SHOWAN FLD  LOGISTILLE STAN W B AP  LOGISTILLE WHO CITY	. 01 01 .10 13 04	.09	.02 .01 .16 .18	03 .13 .02	.18 .01 .04 .28 .S1 .32 .03 .04 .01	31 .01 .04 .26 .19 .23 .18 .10	.10 .01 .24 .36 .17 .11	. 37 . 01 . 11 . 25 . 11 . 37	.03 .03 .03 .13 .01	.24 .01 .01 .11 .01 .01 .01 .01 .03	.01 .01 .02 .01	.01 .07 .04 .26 .01	.03	.01	. 10	.01	.01	. 95	.01	. 01			.01	.02	1. 37 . 08 . 71 . S6 1. 37 1. 43 2. 01 . 76 . 97 . 57 . 58
MADISONVILLE 1 SE MATSVILLE DHM 33 MC KINNETSBURG MC KINNETSBURG MC KINNETSBURG MC KINNETSBURG MC KINNETSBURG MC KINNETSBURG MC KINNETSBURG MC MC KINNETSBURG MC MC MC MC MC MC MC MC MC MC MC MC MC M	.01	.02	05 01 01 09	.02 .01 .10 .02 .03 .03 .03	.06 02 .06 .07	. 02	.17 .18 .14 .01 .13 .01 .01 .05 .07	.09 .03 14 .10 .01 .02 .08 01 .30	.01	.01 .26 .01 .01 .10 .01 .13 .01 .01	.03	.02 .01 .02 .02 .04	.01 .01 .01	. 20 . 38 . 01 . 07 . 01 . 03 . 17 . 02	.02 .01 .01 .06 .02 .03	.01	.02	01	. 01	. 01		. 17	.01	. 01	888 19 411 411 411 411 411 411 411 411 411
ADOLPBUS 1 N BARBOURY LLE WATER WES BARTER BARKAN WATER WES DAVELA A. 6 DAVELA	.013 099 * 013 50 013 - 013 013 013 013 013 013 013 013 013 013	08 03 02 09 09 09 09 09 09 09 09 09 09 09 09 09	.01 .01 .01 .01 .01	. 18 07 . 01	* .01 .03 .01 .06 .02	02 * .02 03 .01 01 .01 .01 .01	.02 .02 .04 .01	.01	.10	.01	.01	.01	.01	02	-	-			-	-		-			.11.11.20
JENKINS  ADDIPHUS I N BARBORNYLLE WATER WES BANTER BARLAN WATER WES BOWLING GREEN WS AP CONDIN CAS.  CONDIN CAS.  6 TOMPKINSVILLE									.02	.01			lth-	. 18	.03	.01	. 02	.01	-	-	.0:			.02	.22
ADOLPBUS 1 N BARBOURY ILLE WATER WKS BATTER BALLAN MATER WKS BEREA COLLEGE BOULING GREEN WIS AP CONSTANT INT CORBIN CAN COVINGTON WA AIRPORT 6 DUMDEE BARRETTS FORD BR EDWORYON FLENINGSBURG POST OFE GRANT STANT HEALTS WILL HAZARD BEIDDLEBERG LOCK 14 BEIDDLEBERG LOCK 14 BEIDDLEBERG LOCK 14		.0	1 .0	3 .10	0 .01	1 .60	.03	.01 .13 .60 .01	.13	.02		.03	02 . 20 . 01 01	.07	* .11	* .02	• 01	.0:	.0		2 * 4 4 .0	. 01	.27	.01	. 18 . 03 . 48 . 22 . 12 . 1, 66 . 1, 66 . 55 . 56 . 1, 01 . 33 . 55 . 06 . 17 . 21
BODGENVILLE NAT PARK LEXINGTON WB AIRPORT LIBERTY LITTLE BICKMAN LOCK 8 // LONDON 3 SW						ž.	e refer	. 18	.0:	L . 04			.08	3 .01			. 01	. 1'	.0	4.0	.2 .2	S . 07			.04

See reference notes following Station Index.

able 4-Continued								-																	JULI	1950
Station						A.	м Но	ur end	ing									PN	4 Hou	r endi	ng					Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	J.
LOUISA LOCK 3 LOUISVILLE BOWMAN FLO LOUISVILLE WB CITY LUCAS LAYSVILLE DAM 33											01	08	01	13	06	08 . 27	02	02		02	14	01	01			57 27 02 09
C KINNEYSBURG HIDDLESBORO RR STA HILLERSBURG HOREHFAD STA TEACH COL									. 01		. 08	.02 .2R		.18	. 01 . 01 . 05	.12	. 02		. 08	0.4		01		11	08	57 27 02 09 19 02 .16 35
DULYE HILL I NW PAOUCAH SCS NURSERY PIKEVILLE RUMSEY LOCK 2 BAOIEVILLE WATER WORKS BALYERSVILLE											. 09	. 43	. 01		. 02		10	. 01	. 01				. 02	.05		.41 02 .52 .02 .92 .11 03 .89 .32 .08 .72
SALYERSVILLE SOMERSET BIWAY OEPT STEARNS							17	. 02	. 01		. 10	. 20		.08	.35	. 03			. 01	03					. 03	03 89 32
FOMPKINSVILLE FOLF CREEK DAM						. 14	. 04	.03			.08	.01	:13 -13	01 th-	.01 02 .01	. 03		24	. 02	03 .01 10	. 01					. 08
OOISON DAM 45 LDOLPHUS 1 N MARBOURVILLE WATER WKS MATTER BARLAN WATER WKS										. 01	. 01	.07	. 01	. 17	. 15		. 02	.05	. 07	. 01						. 07
MARBOURVILLE WATER WKS MAXTER BARLAN WATER WKS BEREA COLLEGE		. 01	05	11	44	1 02	08 60			. 01	.02	01	. 01	.01	. 01	.02		.18	. 03	.14	. 48					.58 .01 .62 2.82
SEREA COLLEGE SOUTHING GREEN WB AP ARROLLTON LOCK 1 ENTRAL CITY CLINTON ORBIN CAA 6		02	. 01						. 04	09	. 02	. 15	. 41	.03 01 01 .01	.15	.05	. 02		. 00		.01					. 68 . 29 . 86 . 12
OVINGTON W B AIRPORT AVELLA UNOEE BARRETTS FORO BR	6	. 04	26	.01			. 05	.10	. 26	.01	.01	. 01	•		. 70		02	٠	. 29	.01	.03			. 01		. 83
COMONTON 'LEMINGSBURG POST OFF RANKLIN WATER WORKS EST LOCK 3 ALEYS KILL		.01 02 .01	46	10		02	03	. 64	. 79	.02	. 01		. 01		39 01 . 29	.09	. 01	01	. 05	. 01	. 04		. 03			1.13 .10 .88 1.54 .95 .78
AZARD EIOELBERG LOCK 14			01	.01	. 03	78	.12							. 69	07				. 38	. 23	. 20	. 01	. 46	.01	02	
TERNOON TOOGENVILLE NAT PARK TENTUCKY OAM LEXINGTON WB AIRPORT		01	02	. 01	. 01	.01		02	.10	. 02	. 01	.01	.01	. 01		07	. 02	.01		01						.10
EXINGTON WB AIRPORT IBERTY ITTLE BICKMAN LOCK 8		. 02	. 25	. 38	17	02 01	01		. 01	02	. 04	.12	. 05	02	. 63	01	. 18	.01		. 11						.03 1.19 .95 1.24
EXINGTON WB AIRPORT JBBRTY JITTLE BICKMAN LOCE 8 OGLICK 1 S ONDON 3 SW OUISA LOCE 3 OUISYILLE BOWMAN FLO OUISYILLE STAN WB AP OUISYILLE STAN WB AP OUISYILLE WB CITY JEAS		. 08	.02	. 21	.05	.06	.05	.11				.14	. 40	.01	. 52	. 01										. 63 . 36 . 10 . 76 . 59 . 37
OUISVILLE WB CITY UCAS AOISONVILLE 1 SE AYSVILLE DAM 33 C KINNEYSBURG		.01	01	.13	73	.04	. 01	. 09		. 02	. 21	.04 .45 .01	. 02	. 11	.01	.13	.86	. 37	. 01	. 01						1.79
IDOLESBORO RR STA ILLERSBURG OREBEAO STA TEACB COL UNFOROVILLE LIVE BILL 1 NW		.06	02 01	01	01	10	. 02	. 03	.01	.01	.04	.04	. 02 . 03 . 04	. 01	. 01	.04	. 02	.01		. 01						.53 .20 .29 .10 .39
LIVE BILL I NW IKEVILLE AOIEVILLE WATER WORKS T MARYS COLLEGE ALYERSVILLE MITHFIELD 4 S		. 06	01	.01	02	.01	.05	. 01	07 . 28	.01 .11 78 12	. 02 01 . 38	. 01	. 01 01	. 02	. 03	.05	. 25	. 01	. 01	. 02	. 11			.03	. 22	. 46
			.03	. 01 05	01	.02	31	.07	. 01	12			. 02	. 25	09	.07		12		. 06						1.29 .81 .45
TEARNS ATEAM SPRINGS OMPKINSVILLE OLF CREEK DAM OOOBURY LOCK 4		. 01 01	. 17	01 01	.07		. 02		. 01	. 09	. 14	.05				. 26	.02	.16	.01	.01			. 01	.01	01	.45 .03 .41 .52 .13
												_	-14	th-												. 03
DOLPBUS 1 N ARBOURVILLE WATER WKS AXTER BARLAN WATER WKS ORBIN CAA 6 LEMINGSBURG POST OFF RANKLIN WATER WORKS		. 01	02	.02							*	.19	.04 •	.10	. 20		01	.01	. 01				. 04		. 14	.03 .59 .14
RANKLIN WATER WORKS AZARD ITTLE BICKMAN LOCK 8		.01 03 01	01		01	.03							02													.02 .01 .09 .02
ONDON 3 SW 100LESBORO RR STA 1LLERSBURG		. 02	01					.04	01		01	.11	. 01	04			.01					.04		•		.02
OREHEAD STA TEACH COL IMEVILLE OMERSET BIWAY OEPT		. 25	.01	.01	. 33	. 01	. 06	. 02	. 01		.01															. 01
OMERSET BIWAY OEPT TEARNS OMPKINSVILLE OLF CREEK OAM OODBURY LOCK 4			.02 .01 01 01	. 04		01	01		04	.38	.19	.15	. 01	. 01	. 01											.19 .24 .01 .33 .38 .02 .75 .06 .07
												-	-151	h-	. 01	.01		. 01	.01							
DOLPBUS 1 N ARBOURVILLE WATER WKS AXTER BARLAN WATER WKS ONSTANTINE ORBIN CAA 8 AVELLA		.01	01 01 .17 .17	52	. 04									. 01		*21	. 09	.01	.01	.01	. 14	.03	. 03	.01	. 03	.04 .10 .33 .35
AVELLA DMONTON AZARD E10ELBERG LOCK 14 ODGENVILLE NAT PARK EXINCTON WB AIRPORT																	.01			.07				.02	.02	.03
IBERTY ITTLE BICKMAN LOCK 8 OGLICK 1 S ONDON 3 SW IDOLESBORO RR STA	<i>'</i> //														. 07	01	. 03	.01	. 01	. 01		. 02	. 02	.04	.01	.73 .10 .03 .05 .03 .01 .07 .03 .09 .14 .36
UNFORDVILLE IMEVILLE							Sec	role			lenine -		1									. 02	.01	. 25	. 01	.36 .02 .01

Table 4-Continued						I	HO	UR	LY	PR	ECI	PII	AT	ION	1										JUL	NTUCKY Y 1950
Station						A. N	f. Hou	ır endii	ng									P. 1	M. Hou	r endir	g					Total
	1	2	3	1	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	T <sub>O</sub>
SMITHFIELD 4 S SOMERGET BUWAY DEPT STEARNS TOMPKINSVILLE WOLF CREEK DAM													-16	.02 h-	37	. 02	. 02	01 . 01	01 02 .08	. 01		. 02	.04	. 01	.01	.01 .08 .49 .13
ADDISON DAM 45 BARBOURVILLE WATER WKS BANTER HARLAN WATER WKS BENTON 1 SW CARROLLION LOCK 1 CENTRAL CITY CONSTANTINE CORSIANTINE COMBIN CAA 6 COVINCTON W B AIRPORT 6	.05	.0		01								.04	05	20	.04	.01	.02	. 01.	. 01		30		.11		. 01	.43 .16 .16 .11 .10 .20
DAYELLA DUNDEE BARRETTS FORD BR FLEMINGSBURG POST OFF FORDS FERRY DAM 50 GEST LOCK 3 RALEYS MILL	.13	. 0		06	. 04	.04	•	*	. 02		. 02		. 39	.03	.01 .06 .01	.01	.03	.01	•	. 05	.11	. 05	.05	. 05	.01	.18 .12 .14 .16 .10
BEIDELBERG LOCK 14 BERNDON BODGENVILLE NAT PARK KENTUCKY DAM	03 .01 01	.0	1 .0	01	. 01	. 01	. 01				.02	.12	.01 .09 .06	.02		.01	. 06	.02	.01	.10						.20 .21 .17 .11 .28 .20
LONDON 3 SW LOUISA LOCK 3 LOUISVILLE BOWMAN PLD LOUISVILLE STAN W B AP LOUISVILLE WB CITV LUCAS LUCAS MADISONVILLE 1 SE		. 0	. (	0.5	30	.01			. 01	01			.01	. 12	. 07	.09 .03 .21 .07	.05 .05 .07	.01	. 01	15	. 09	. 01	. 01			.18 .12 .14 .16 .10 .55 .56 .20 .21 .17 .11 .28 .20 .07 .38 .50 .66 .12 .40 .07 .49 .55 .56 .56 .56 .20 .21 .21 .28 .20 .20 .20 .20 .20 .20 .20 .20 .20 .20
MC KINNEYSBURG // MIDDLESBORG RR STA MILLERSBURG MOREBEAD STA TEACH COL OLIVE BILL 1 NW PADUCAH CAA 8	.01 18 .01 .06	.0	3 .02 .09 .0	01 01 01 02	.01	.01	.01		. 02	01	. 01					. 05		. 01	. 17	.03	*	.03				
RIMSEV LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE SALVERSVILLE MITHFIELD 4 S COLUMNITE BANKAL DELTA	. 03	. 0	2	10	04			. 01	.01	.01	. 07	.28	. 01	.08	.03	.01 .05 .11 .13	.01 .01 .06	. 29 . 03 . 01 . 01	. 01			1				. 26 . 35 . 15 . 04 . 13 . 88 . 19 1. 26 . 39 . 31 . 02 . 15 . 20
STEARNS STEARNS TOMERINGUILLE UNIONTOWN TOM 49 WOLF CREEK DAM WOODBURY LOCK 4		. 0	3 . (	02	. 01	.01						.09	.05	:02 :38 th-	09		.20					. 07	.08	.01	. 01	
ADDISON DAM 45 // ADOLPBDS I N BARBOURVILLE WATEB WKS BAXTER HARLAN WATER WKS BENTON I SW BOWLING GREEN WB AP CARBOLLTON LOCK 1 //		. 0	ı <b>1</b> .)	01										.13	.04	.01	, 25	.01	. 01	.89	.17	.12	. 01	.03	.01	.03 .23 .07 .50 .98 .03 .19 .26 .23
CENTRAL CITY CLINTON CONSTANTINE CORBIN CAA 6 COVINGTON W B AIRPORT 8 DUNDER BARRETTS FORD BR		. 0	•					. 01	. 01		٠		.01	.02	.07			. 04	. 03	.01	.01	.08	.16	.01	.01	
PLEMINOSBURG POST OFF PORDS FERRY DAM SO FRANKLIN WATER WORKS HALEYS MILL BERNDON BODGENVILLE NAT PARK KENTUCKY DAM LEXINGTON WE AIBPOET																			. 34	.10	.09 .50 .35	.05	19	.04	.01	. 47 . 09 . 06 . 23 . 24 . 43 . 28 . 46 . 02 . 02 . 14 . 26 . 41 . 02 . 03
LIBERTY LITTLE BICKMAN LOCK 8 LUCAS ADDISONVILLE 1 SE MAYSVILLE DAN 33 MIDDLESBORO RE 87A OWENSBORO DAN 48 PADUCAB CAA PADUCAB CAS FADUCAB	. 50								. 01	. 01							.03			.27	. 25	. 03	.06	.19	.02	
RUMSEY LOCK 2 ST MARVS COLLEGE SOMERSET BIWAY DEPT TATHAM SPRINGS TOMBE INSVILLE	. 01	. (	)1														.03	.01			.18	.05	.14	.01 .45 .01 .18	.05	.32 .02 .40 .45 .05 .13 .25 .03 .14
WOLF CBEEK DAM WOODBURY LOCK 4				01									-18	. 01		. 01			. 03	.01	. 03	.10	.01	.01	.14	
ADDISON DAM 45 ADDISON IN BARBOUNVILLE WATER WKS BATTER HARLAN WATER WKS BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP CENTRAL CITY	. 01 . 20 01		01 .	08	. 35	.01	. 01		.01 .01	.01	. 04	.01	.03	.01			.01	.01	.01	.02	. 01			.01	.01	1.35 .13 .61 .21 .11 .22 1.62 .40 .03 .10
CLINTON CONSTANTINE CORBIN CAA COVINGTON W B AIRPORT 8			28 *	01	:	:	:	:	. 01	. 01	٠	•	•		. 29	٠			٠		.01	.09				.10

See reference notes following Station Index.

# HOURLY PRECIPITATION

KYNTUCK

Table 4-Continued							пС	UN	LI	Pn	EC.	IPI.	IAI	IOI	И											T 1950
						A 1	M Ho	ur end	ing									P 1	ч Но	ur endi	ing					
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	B	9	10	11	12	Total
			-		-		-	-										0			0	9	10	"	12	
DUNDKE BARRETTS FORD BR		01				.08	05 24	. 03	27	.02	. 01	.01	. 02	. 04	. 03					16	.02		01			29 I.06
FLEMINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS		01 01	01	. 01	07		01	. 02	. 04	. 02	. 01		. 24				.02	03								I.06 05 18
GRST LOCK 3 HALKYS WILL		01	01	, 03	. 77	. 01				01		. 01	. 24		. 01			.05	. 02	.02			. 02	.01	. 02	.07
HAZARD HEIDKLBERG LOCK 14	8	03	-	. 01		. 02				01	. 01	. 01			.01			. 04	. 02						. 39	.92 39 .05
BERNDON BOUGHWILLE NAT DARK					02			. 01	. 07	03	. 02	.06	02		.01	. 01	. 01	. 03	03				. 26			
KENTUCKY DAM LEXINGTON WB AIRPORT LIBERTY	va. 1	. 39	.01			.01										. 01								. 04	. 30	. 48 . 48 35
LITTLE BICKMAN LOCK 8 LOGLICK 1 S LONDON 3 SW	21	.01	.01						. 05	01	. 02	. 02	01			03	. 01	. 01							. 01	. 18
LOUISVILLE BOWWAN FLD		. 09	. 01							.02	. 07				. 23	. 02				. 01	. 01				. 01	.03 .44 1.38
LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY														.03		. 04								.75 I.08 .20	. 61 . 49 . 06	1 60
MADISONVILLE 1 SE		. 01	. 01		. 02	. 51	.10	.15	.12	.01	. 03	.07	. 01	. 20		.04								. 20	. 06	1.21
MIDDLESBORO RR STA MUNFORDVILLE OWENSBORO DAM 46					. 11	. 01	.10	. 08	. 14	. 03	. 01	.01	.18	.01		. 01	. 01	. 36		.02		. 07			. 27	.22 .55 .85
PADUCAB CAA PADUCAB SCS NURSERY	8	.16	:	.28	:	.15	٠	. 43		. 01	. 05	.08	. 01	.01									. 01	. 16		. 45
				. 28		. 04	. 01	. 01	. 01	. 01		. 01	. 01	.02	. 01						. 08	. 01				. 20
RUMSEY LOCK 2 SADIEVIILE WATER WORKS ST MARYS COLLEGE							, 01	. 01	.01	. 01		.01	. 01	.01	01		. 01	. 01			. 08	. 01	.16		.02	
SALTERSVILLE SMITHFIELD 4 S SOMERSET BIWAY DEPT	//																	.07	. 08		. 01		. 10	.06	. 20	.25
SOMERSET BIWAY DEPT STEARNS TATHAM SPRINGS			. 28	.02		. 01		. 01	.04	.14	. 01	. 10		. 01		.01	. 03				. 01					. 33
	//		.01	.01	. 01	. 01	. 01	. 01	.14	26	. 01	. 06	. 17	.02	. 01	. 02							. 05	. 09	.10	. 47
UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4	"		. 01	. 01	.01	. 20	. 62	. 68	. 64	. 38	.01	. 05	. 03		. 17	. 01	. 04	. 45				.14	.03	. 01		1.92 1.68
								,					-19				.04	. 45					.03	. 01		1.68
ADDISON DAM 45	//				. 01	. 01	. 01					_	-19	111					. 23							. 26
ADDISON DAM 45 ADOLPBUS 1 N BENTOW 1 SW BERRA COLLEGE BOWLING GREEN WB AP	"	. 01		. 05															. 30	. 41	.01		. 07	. 01		.08 .72 .32 .09 1.72 .32 .30
BOWLING GREEN WB AP CARROLLTON LOCK 1 CENTRAL CITY	//	.01	.01	.12				.01	20										. 27	. 85	. 04		. 20	.08	.01	. 32
	"						-		. 20						. 02	. 01	. 01	. 05	. 13	. 31	. 01	.02	. 01			.32
CONSTANTINE COVINGTON W B AIRPORT	6	. 01			. 03	.01	. 01		.18						. 02					. 38	.12	.01	. 02			
DAVELLA DUNDEE BARRETTS FORD BR EDMONTON				.11									- 4						. 03	. 40	. 01			.01	. 27	.39 .44 .03 .95 .12 .01
PLEMINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS		. 03	. 05	. 27	0.5	05	. 03	.09	. 03				- 4								.14	. 19	.05			.03
PRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL		.14	. 11	.15	. 03	.01	j		. 04								. 01	.12		. 59	. 30					.12
HAZARD	"	02										. 28	. 04		. 02	.01		.02		. 59	. 51	. 01	. 01			. 53
HEIDELBERG LOCK 14 HERNDON BODGENVILLE MAT PARK	//																				.12		. 52	. 01	. 07	. 53 . 37 . 60 . 12 . 79
JENKINS EENTHCEV DAM	1	.13	. 07	-02	.01	- 01	. 01	-	-	-	-	-	-	-	-							. 52	. 01		.01	-
LEXINGTON WB AIRPORT	//	33	. 03	. 01														. 23	. 42	.02	. 45	.16	.16	. 62	04	. 67 1. 03 . 82
LITTLE BICKMAN LOCK 8 LOGLICK 1 S	"	. 01	. 05	.11	. 20	. 40		08 01	. 08	02									1				. 58	. 62	.01	1.02 1.59
LOGLICK 1 S LONDON 3 SW LOUISA LOCK 3							. 60	. 02		. 01						- 9								. 10	.05	.15
LOUISVILLE BOWMAN PLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY		. 11	. 01	. 01		.01	.02						1						. 59	.06						. 93 . 81 . 89
LUCAS		. 00																.08	. 73	. 02	. 01		. 01			. 89
MAYSVILLE DAM 33 MC KINNEYSBURG	"		05	.01	.04	.02	.01	. 07		. 08	. 01							.00	. 01	. 51	.01	1.07	. 11	.01		1.37
MADISONVILLE 1 SE MATSVILLE DAM 33 WC KINNEYSBURG MIDDLESBORO R STA MILLERSBURG MOREREAD STA TEACH COL MUNYORDVILLE OLIVE BILL 1 NW OWENSBORO DAM 48 PADICAR CAA		.01 05	03	. 05	12	. 03			. 01										1		.14	.10	.01		. 01	.01 .50 1.50
MUNFORDVILLE OLIVE BILL 1 NW		. 01	17	. 01	.07	.01																. 23		.02		1.50 .57
OWENSBORO DAM 48 PADUCAH CAA	6		17	. 03	. 02		02		02										:	. 56	:	. 24	.18	.02	.01	. 65
PADUCAH CAA PADUCAH SCS NURSERY RUMSEY LOCK 2 SADIEVILLE WATER WORKS																		.10	.03	. 44	. 06	•			•	.83
ST MARYS COLLEGE	,,	. 04	.07	.20	.02			.03	. 01	. 01			Ì							. 46	.15	. 61				1.03
	//	.11	. 17	.01		. 07	. 01	.02					.01	. 01					. 48	.13						.08
TATRAM SPBINGS TOMPKINSVILLE UNIONTOWN DAM 49	,,		. 01	.01	. 01	. 01	. 01	.01									. 01	. 38			. 55	. 01	.01	.05		.93 .76 .05 .42
WOODBURY LOCK 4		.01															. 01	. 50					. 01			.02
ADDISON DAN 45	,,						0.0					-:	20t	h-					-							
ADDISON DAM 45 ADDISUS 1 N BARBOURVILLE WATER WKS BAXTER BARLAN WATER WKS BERTON 1 SW BEREA COLLEGE BOWLING GEER WB AP CENTRAL CITY CLINTON	11				10	. 01	. 02					. 13			. 03		0.5	00	.08	. 03						.13
BAXTER BARLAN WATER WES BENTON 1 SW			. 01	01	. 03	. 01			. 07	. 03	. 02	.13	. 43	.02	.03	. 01	. 21	.02	.17		. 01	.03	. 04	. 01	. 21	.11 .81 .75
BOWLING GREEN WB AP			.01						. 01	.04											. 03					. 08
CENTRAL CITY CLINTON CONSTANTINE CORBIN CAA		. 01	. 01	. 01			. 01	. 21	. 01	. 09	.01	. 01 . 01		. 01	.01	. 01										.05
CONSTANTINE CORBIN CAA COVINGTON W B AIRPORT	6		. 04										.08	.01	. 01						. 05					. 08
		.01					. 05				. 01	.09	.18			.02	. 06		. 01		. 08	.11				. 43
DUNDEE BARRETTS FORD OR FLEWINGSBURG POST OFF FORDS FERRY DAM 50		. 01						. 22	.01		.01	.01														. 43 .16 .25
				1						1																

See reference actes following Station Inde

Station						A. b	f. Hou	endir	ıg				_					P. M	. riou	r endin	1 <b>g</b>				
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
ANKLIN WATER WORKS LEYS WILL ZARD				. 03	.01	. 01	. 01			İ												ĺ			
ZARD		. 50	. 20		.01	. 01	. 01																		
CIDELBERG LOCK 14 ERNDON			.04	.02	. 07	. 04		. 01	. 01	. 01				. 02	. 04	. 80			- 1						
DGENVILLE NAT PARK													J	.04	. 20	. 60	.02	.01	. 15			.01	. 01	.09	.02
DESCRIPTION OF THE PARK OF THE							. 08		. 10					. 20				.30							
RINGTON WB AIRPORT		.01		04				01	.09	. 01	. 04			.02	.01		. 12								
		.01	.01	13	01	. 01		01			. 01				.05	.01		. 01		.08	.06				
GLICK I S NDON 3 SW UISA LOCK 3 UISYLLE BOWMAN FLD UISYLLE STAN W B AP					01	.01		O.			.01			* 0			. 01	. 04			.06				.01
UISA LOCK 3		. 06	. 02	. 01			04	. 03		01	. 01		. 01	.10	. 02	.01	. 01								
UISVILLE STAN W B AP							.14	.01	. 02																
UISVILLE WB CITY		01	.01				0.5	.03	03	. 01															
DISONVILLE 1 SE						. 03				.03	. 01 . 01 . 01	.01	.01					.01	. 01						
SVILLE DAM 33 KINNEYSBURG								. 01	. 04	.12	.01		.03												
													.03				. 96								
LLERSBURG REBEAD STA TEACR COL NFORDVILLE		. 06	. 01		. 01	.01																			
IVE HILL 1 NW		. 26	.01				-					. 09	. 01		.01	.01									
VECROVILLE VEC HILL 1 NW ENSBORO DAM 46 DUCAB CAA DUCAB SCS NURSERY KEVILLE	6	.07	*	*	•	*	. 32					*		.15											
DUCAB SCS NURSERY		.15	0.5	0.1				.01	. 01	13	.02			. 13	. 01		. 02	.01				. 24	. 02	.04	
KEVILLE MSEY LOCK 2		.15	.05	. 01		.01	. 01		. 01		. 02	. 21	.02	, 10			, 02								
DIEVILLE WATER WORKS				. 03				. 02	. 02	.01	. 01	.01	. 01	. 03	. 27	.10	.04	. 01							
LYERSVILLE		. 42	. 07	.01				***	0.1		.01				. 01			.01				.06	. 48	.01	. 01
MESTY LOCK 2 DIEVILLE WATER WORKS MARYS COLLEGE LYERSVILLE ITBFIELD 4 S MERSET BIWAY DEPT								.10	. 01	.01						.38	. 01					-			
TEARNS TEAM SPRINGS			27			.01	. 02								.02					. 48	. 26	. 01	.02	. 20	.02
			.01							6.			.02					.06	.04	. 57	. 02				
IONTOWN DAM 49 LF CREEK DAM			. 37	. 25		01	. 01			. 01	. 03	.02		.03	. 07	. 03			.02			. 27			
ODBURY LOCK 4			. 01	. 01																					
													-21	st-											
PROIPVILLE WATER WES		45												-											
RBOURVILLE WATER WKS XTER HARLAN WATER WKS RBIN CAA INKINS DDLESBORO RR STA		06	. 60 1.00	03																					
RBIN CAA NKINS	6	.04	1.00	. 01	11																				
DDLESBORO RR STA		*	, 01	03	. 01	*	*	9	*	*	*		*	*		. 89									
KEVILLE EARNS			.01	03	.01																				
													-22	24-											
NOT LETT NO													22	-	. 03										
ONSTANTINE UNDEE BARRETTS FORD BR RANKLIN WATER WORKS																	. 01				.13				.01
RANKLIN WATER WORKS																					. 13				
													-23	3d-											
DOLPBUS 1 N									. 01	06	24	.14				-	200	01							
OCLPBUS 1 N URBOUTFILLE WATER WKS KATER BARLAN WATER WKS ENTON 1 SW EREA COLLEGE WWLING GREEN WB AP URROLLTON LOCK 1 ENTRAL CITY																. 69	.39	.01	. 01						
ENTON 1 SW		-	-	-	-	-	-	-	-	-	-	-	-		.01	.02									
EREA COLLEGE OWLING GREEN WB AP										. 05	. 36	.15	.01		.01		.01	,10	.03		. 07				
RROLLTON LOCK 1	17						. 01	. 01	. 07	.10	. 13	.12		. 01	.01	.01	.01		. 01	.03	. 02				
ENTRAL CITY LINTON				. 01	. 02	. 21	38	.19	.01	. 10	.01	.01	04	.01	.01								. 02	.06	
ONSTANTINE ORBIN CAA	6												.04	.01	.01		*		*		. 24		. 02	, 50	
ENTRAL CITY LINTON ONSTANTINE ORBIN CAA OVINGTON W B AIRPORT UNDEE BARRETTS FORD BR DMONTON	6		. 01						. 03	,02	.01	10	0.2	. 05	.01	.01						.10		*	. 01
UNDER BARRETTS FORD BR			. 01								.01	.12	.02	.01	.01	.01			. 45	.08					
ORDS FERRY DAM 50		. 01						.01	. 06	.01	. 28	,08	. 01												
ORDS FERRY DAM 50 PRANKLIN WATER WORKS JEST LOCK 3		. 01				. 01	. 01	.01	. 01	. 24			. 01	. 01	.23			.01	. 01	. 02	. 02	. 01	. 01		
ALEYS WILL AZARD	//						.01	.12	. 42	. 24			. 01	.01			. 03	.01							
	- //			. 01	. 01	. 04	. 26	. 36	. 27	. 30				. 05	.05										
ERNDON ODGENVILLE NAT PARK				. 01	. 01	04								.10	. 02	.01		.01	. 29	.02			.01		. 03
ENTUCKY DAM EXINGTON WB AIRPORT							. 28	.12	. 27	. 11			. 38	0.1	. 03	.01									
EXINGTON WB AIRPORT IBERTY									. 01			.01		.06	.02	.01				. 02	. 02	1			
IBERTY ITTLE BICKMAN LOCK 8 ONDON 3 SW OUISVILLE BOWHAN FLD OUISVILLE STAN W B AP OUISVILLE WB CITY															. 02	. 05		.02	. 01	. 01					3.
OUISVILLE BOWHAN FLD					. 02							. 01	.01						. 01	. 01					. 2
OUISVILLE STAN W B AP					. 04		l			-			.04		. 01		. 02	. 81	. 03	3					
UCAS									. 11	.03	.15	. 37	. 03	.01				. 01	.00	.01	.0:	L			
ADISONVILLE 1 SE IC KINNEYSBURG	11			. 0	1 02											. 05	.06	. 02							
												. 06	. 05			. 00	.06	.02			. 05	. 3	2 .06	3	
LIVE RILL 1 NW																		.10			*				
IDDIESBORG RR STA UINFORDVILLE LIVE RILL 1 NW WENSBORD DAN 46 ADUCAB CAA ADUCAB SCS NURSERY	6							58		*	*	*	*	.48		.01	. 01								
ADUCAH SCS NURSERY						00	3 .01	58 7 . 27 . 04	.11	.18	.08	.02		. 20		.01	.01					. 8	4 . 02	2 .04	1
SADIEVILLE WATER WORKS			. 10	)									.01	. 04				, 01	. 04	4 .02	2 .0:	1			
T MARYS COLLEGE			. 01	L	. 01	. 0:	1		. 01									. 01	. 23	3 .06	6 . 0	1			
ADUCAL SCS NOBLET LUMSEY LOCK 2 ADDIEVILLE WATER WORKS IT MARYS COLLEGE SUMERSET BIWAY DEPT												. 01	. 02		. 26	. 15	. 02	.01							
STEARNS FATHAM SPRINGS FOMPKINSVILLE								1					. 10	.02					. 0:						
TOMPKINSVILLE								. 01			.04	. 34	. 02	2				.05	. 0	2					
UNIONTOWN DAW 49 WOLF CREEK DAM WOODBURY LOCK 4										. 06		. 01	23	.08	. 01	. 40	)		. 0	1					
TOODBURY LOCK 4										. 00	.14	. 10				. 20									
													-24	lth-	-										. 0
										. 02	.01														. 0
DDISON DAM 45 DOLPBUS 1 N BARBOURVILLE WATER WES			. 2	4 .0				. 10	6 .35							. 01									

ee reference notee following Station Index

### HOURLY PRECIPITATION

REMIDER

Slation						A	M. Ho	ur end	ing									PN	4 Hot	ar end	ng					-
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
DUNDER BARRETTS FORD 8R IMMONTON ORDS FERRY DAM 50 RANKLIN WATER WORKS HEIDELSFRG LOCK 14 DOCENVILLE NAT PARK	6	* 01 .01	. 03	. 01	* 01 02	• 07	*	01 *	01 01 44 78 02 01	.09	• 01	•		•	01 38 . 10	01	05	.01	* 01	. 03	42	10	_S1	. 07		06 06 06 11 1 55 07 11 19
JERRIY JITTLE HICKMAN LOCK 8 OGLICK I S ONDON 3 SW OUISVILLE 80WMAN FLD OUISVILLE W8 CITY UCAS UCAS		.02	. 01		. 01	.01	. 01	01	06 62 .01	. 02	. 17	.01	. 02	.01	. 02		. 07	.02	49	.08	. 07					03 . 05 01 83 . 09 . 21 . 08 . 50 . 80
DREHEAD STA TEACE COL NPORDWILLE INVE HILL I NV HENSORO DAM 46 DDCAA CAA MAST LOCK 2 MARYS COLLEGE LUTERSVILLE ITENSIELD 4 S WRESET HISAY DEPT KARNS TEAM SPRINGS		٠	.04	•	•	• 03	. 01	.02	.01 .01 .08	.01 .01 .01 .59	.17	.01	. 26	. 21	. 03	٠	٠	.12		. 09				.15		.03 .02 .04 .S8 .2S .14 .09 .24 .81
DUF CREEK DAW DODBURY LOCK 4				. 02	. 04	.01	.0S 01	13	. 38	.05	. 01		25	th-			. 28	.01			.01	.08		. 01	. 02	. 84
DDISON DAM 4S DOLDBUS 1 N REBOURVILLE WATER WKS KATER HARLAN WATER WKS KNTON 1 SW EREA COLLEGE UNILING GREEN WB AP ENTRAL CITY LINTON	,	. 04	. 27	.08 01 .43	. 04	.18	06	.01		.02	. 01		25	. 39									. 13	. 02	. 21	. 68 . 21 . 28 . 50 . 39 . 49 . 16
NOES BARRETTS FORD SR MONTON WORDS FERRY DAM SO ANKILIN WATER WORK5 LEYS MILL RNDON NTUCKY DAM BERTY //	,	. 01	. 01										. 21	.01			. 10	. 03	09	.09	.01 .01 .01 .02 .08 .01	. S8 . 15 . 13 . 06 . 04 . 10	. 21	.02 .01 .03 .33 .03 .19	.01 .04 .06 .97 .40	1.03 .02 .31 .24 1.30 .51
DEAS DISSONVILLE 1 SE DIDLESBORO RR STA TERSBORO DAM 46 DUCAH CAA 6 DUCAH CAA 6 DUCAH SES NURSERY KEVILLE 2 MSEY LOCK 2	3			. 02	. 02										.10		. 07	. 29		. 01	. 02	. 04	.0S .01 .07	.01	.01	.01 1.10 .13 .04 .07 .80 .37 .09
EARNS MERINSVILLE IOOTOWN DAM 49 // LF CREEK DAM ODBURY LOCK 4			.01	. 01	. 01	. 01	. 01		.02			_	26t	h-									.02	.02 .07 .01	.03	.0S .10 .07 .09
OLPHUS 1 N RBOURVILLE WATER WKS XTER HARLAN WATER WKS NTON 1 SW REA COLLEGE WLING GREEN WB AP RROLLTON LOCK 1 // NTRAL CITY		.11	.01 07 * 02 .0S 01	.07 23 * .06	.02 .07 .29 .04 .17	.01 01 * .28 .07	. 34 . 03 * 20 . 06 . 02	. 29 . 05 . 12 . 01 . 09 . 03	. 18 . 03 1 . 31 . 20 . 01 . 02 . 04	.07 .04 .01 .12 .01 .02 .09	.05 .01 .25	.09	.01	.04	. 11	.17	.01	.01	. 01		. 04	.01				1.25 .72 .61 1.31 1.80 .45 .50
INTON STANTINE RBIN CAA  6 VINCTON W B AIRPORT  6 VELLA MOBE BARRETTS FORD BR WONTON EMINGSBURG POST OFF RDS FERRY DAM SO ANKLIN WATER WORKS ST LOCK 3		. 41 . 79 . 01	.01 .07 .18 .09 .01	.03 .03 .03	. 53 01 . 23	. 13 * . 02 . 40	. 61 * . 10 . 28 . 01	.16 * .08 .14 .08 .07	.08 .17 .26 .17 .05 .18 .11	.05 * .24 .02 .02 .01	* * . 21 . 01	. 81 . 33	. 60	* * .17	.09 .25 .01	.02	•	•		.01	. 19					1.40 2.45 2.02 1.48 .68
LEYS WILL ZARD /// IDELBERG LOCK 14 // RNDON RNDON RNDON NEINS XINGTON WE AIRPORT		.08	.01	.04	.12 38 * .0S .04	06 .04 * 14 .18	.08 .06 .02 .69 .33 .08	.04 .06 .05 10	.02 .08 .01 .04	.01 .07 .01 .10	.01 .03 .02 .03 .04	.03 .02 .66 .07	. 20	. 41 . 03 . 02	.02 .01 .01	.01	. 09	.01	01	. 01	. 11	. 08	. 01		. 01	.4S .S8 .02 1.09 1.90 .30 1.29
BERTY TILE HICKMAN LOCK 8  GLICK 1 S NOON 3 SW UISA LOCK 3 UISVILLE BOWMAN FLD UISVILLE STAN W 8 AP UISVILLE WH CITY		.01	01 01 12 .11 .10 08	38 .03 .01 .18 .15 .15	10 22 0S 03 .01 .07 06	11 13 .15 04 .01 .01	.02 .07 .31 .05 .0S .07 .08	.0S .92 .12 .01 .01 .17 .16	. 34 10 . 42 . 69 . 24 . 12 . 09	. 22 . 02 . 20 . 66 . 03 . 08 . 03 . 03 . 02 . 02	.12 .09 .13 .31 .02 .17 .05	.01 .62 .03 .45	.02	. 03 . 34 . 35	.01 .04 .01 10	. 01	. 01									1. S7 1. 54 2. 16 2. 93 . 83 1. 78 . 80 . 76
DISONVILLE 1 SE YSVILLE DAM 33 // KINNEYSBURG // DDLESBORO RR STA LLERSBURG REHEAD STA, TEACH COL HOODILLE		. 33	02 02 01 18	01 .36 05 01 .04	02 46 04 03	0S 02 04 16 10	09 07 05 08 28 09	.07 01 .04 03 .08	.02 14 .01 04 .13 .31	.05	.01 .01 .03 .06	.01 .33 .08 .02 .03 .35	.02 .03 .02 .02 .12	. 02 . 01 . 01 . 01	. 02		. 03	. 01								.6S .93 .70 .41 .36 .0S 1.32 1.50 .S8
IVE HILL 1 NW MENSBORO DAM 46 LDUCAH CAA 6	1	. 01	01	.10	. 39	22	. 05	.04 .08	.18	.12	. 21	.10	. 04	01		. 01										1.37

#### HOURLY PRECIPITATION

Station						f. Hou							_	-т					r endin					
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
IKEVILLE UMEST LOCK 2 UMEST LOCK 2 UMEST TO MATTE WORKS T MANTS COLLEGE ALTERNITATE THE THE THE A S OMERSET HEAVY DEPT ATTAMAS SPHINGS OMPRINSTILLE UNDOWN DAI 49 OODBURT LOCK 4	.01 * 16 .03 .14 .05	.00	02 6 .04 4 .13 9 .05 1 .02 *	03 .15 .18 .12 .13 .01 .01 .01	.04 01 .07 56 .04 .12 .01	19 23 .03 .39 .17 .02 .03 .08 *	.16 .02 .06 .12 .18 18 .25 .01 .05	.26 09 11 48 .62 .30 04 .01 * .05 03 .23	.24 .01 .36 .41 .15 .12 .02	. 22 . 01 . 01 . 60 . 02 . 03	.08 .01 .09 .60 .02	.01 .02 42 .53	.04 .01 .19 .05	. 23	.02	.01	.01	. 01						
DOLPHUS I N MEST LOCK 3 AZARD // MENKINE BOWNAN FLD OUISYILLE BOWNAN FLD OUISYIVILLE MONTH FLD OUISYING MEST AND MEST AN	.02	.0	.05	•	.01	. 77	. 40	. 12	.01	. 01	. 01	27t	.05	. 01			. 01							
BEREA COLLEGE COVINCTON W B AIRPORT 6 DAVELLA FLEWINGSBURG POST OFF LOUISA LOCK 3 MORRHEAD STA TEACH COL									. 01	. 01	. 01	16	.01	. 02	.01	. 47	. 42	. 01	.78	.01				
LOUISVILLE BOWMAN FLD TATRAM SPRINGS									-	-	-	-	-	-	.01	.08	.01	-		-	-	-	-	-
BENTON 1 SW CENTRAL CITY CLIMTON FORDS FERRY DAW 50 BALEYS WILL BERRICON BERRICON BERRICON BERRICON BERRICON BERRICON BERRICON BERRICON MARCHEN BERRICON MARCHEN BERRICON MARCHEN BERRICON MARCHEN BERRICON MARCHEN MA	02	2 . (	02 .01			. 01	. 09	.01			.13	.02	.01 .10	.01	.02	. 01	.01	.01	.32	.01	.15 .01 .08	.19	.01 * .04 .06 .01 * .01 *	. 03 . 03 . 04 . 01 . 01 . 07
ADDISON DAN 45 ADDISON DAN 45 ADDOLFRUS 1 NATER WAS BARBOURVILLE WATER WAS BARBOURVILLE WATER WAS BEREN COLLEGE BEREN COLLEGE BEREN COLLEGE BEREN COLLEGE CENTRAL CITY CENTRAL CITY CENTRAL CITY CORBINA CAS 6 CORBI	. 01	1	03	0	02	* 2 01	. 42	.02 1 05 * 2 .05 2 01	.04	.18 08 .01 .07 .07 .01 .01		-31 .44 .05 .06 .53 * .01 40	st— .09 .01 .01 .01 .43 * .07	.06 01 .15 .01 * .17 .28 .04 .01	.03 .01 .01 .30 * .02 * .01 .09	.01 .18 .01 .01 *	.05 * * .01	.05	.01	.01	.08	.91	1.35 .01 * .04	. 01
MARTY WILL HAZARD HAZARD HETOELENG LOCK 14 HETOELENG LOCK 14 HETOELENG LOCK 14 HETOELENG LOCK 14 HETOELENG LOCK 14 HETOELENG LOCK 14 HETOELENG LOCK 15 LIEBERTY	.0	1 .	06 .3	8 .0	0:	0 .01 L .06 2!	6	.01 ,01	. 25	.02 22	.07	. 06	.08	.02	.13	.08	.03 .02 .09 .10			. 02	.01	.01	.04	. 01
MADISONVILLE 1 SE MANYSVILLE OAM 33  // MC KINNEYSBURG // MIDDLESBORO RR STA MILLERSBURG MOREHEAD STA TRACE COL MUNICORDIVILLE OLIVE HILL 1 NA MENTENBORO OAM 46		12	03 .(	***************************************	2 1	* . 4 3	*	1.06		03	.12 13 .01 .01 .06	15	.41	.01			.01		.02	. 05		.02	.01	. 01
PAGICAGE CAA  PAGUCAR SCS NURSERY PIRSYILLE RUNSET LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE SALVERSYILLE MITHFIELD 4 SOMERSET RIMAY DEFT STEARMS		13	. 01	.0		0 .0	. 0	1 01	1 . 22 11 . 01	08 1 09 1 12	. 01	58	09	.01	3 2.01	2 07	. 01	01	1 .01				.39	

See reference notes following Station Index.

Table 4-Continued	HOURLY	PRECIPITATION
18DIS 4-CONTINUED		

MENTUCKY JULY 1950

Station						A.)	( Ho	ar end	ing									P 1	М Но	ir endi	ing					7
Station	1	1 :	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	6	6	7	8	9	10	11	12	<b>6</b>
TATHAM SPRINGS TOMPEINSVILLE UNIONTOWN DAW 49 WOLF CREEK DAM WOODBURY LOCK 4	-		.06	01		. 01	04		16	- 13 31		. 36 . 64 . 26	1.16	70 . 01	. 61	. 24	48	. 04	*	-	-		.01			2 20 3.76 1.14 1.43

DAILY	TEMPED	ATTIBES
DAILY	TEMPER	AIUNES

Properties	Table 5									D	AII	Y	TE	M	PE	RA	T	JRI	ES														EENT	TUCKY 1850
Methodological Max																D	ay o	f mon	h						_				_				4	erage
EMBALO BARD SALE AL SA	Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	+	+	+	25			28	-	-	-	
AMERICAN MATERIAL MAT	ANCHORAGE	MAX	82 57	86 60		79 66	85 68	82 61	82 59	84 54	85 58	88 58	87 59	87 63	76 67	79 56	80 59	87 68	84 70	80 69	88 69	82 69	75 63	77 59	76 66	85 69	85 63	72 60	83 57	85 61	88 59	69		
Section   Sect	ASELAND DAM 2	MAX	89 53	87 64	91 64	89 67	81 69	81 65	78 55	82 56	83 59	85 58	86 61	85 62	81 70	80 60		86 68	92 67	89 72	90 70	87 69	79 62		78 66		88 67		82 60	83 63	61	64	67	63.9
MINIS COLUMN   MINI	SEAVER DAM	MAX	87 58			80 66	87 68	81 64	82 56	85 55	85 57	88 57		90 65	78 69	83 60	83 62	87 70	87 69	81 66	90 70	84 69		82 80	67	79 68	87 64	80 63	82 60	85 63	89 62	69 64	82 72	84.4 63.6
STATE COLLISION STATE THAT WE NOT STATE AS A STATE OF THE ASSAULT AS A STATE OF THE ASSAULT AS A STATE AS A ST	8ENHAM	MAX	80 49	85 54	88 56	88 62	80 70	77 64	78 51	81 53	85 52	82 49	87 54	86 60	80 67	82 62	81 62	84 66	85 72	88 68	83 63	88 65	83 65	84 65	88 65	90 69	80 64	85 63	77 65	81 63	85 56	88 58	88 64	84.1 61.2
SCHEIGHEINERS ALTERINE SET ALTE	SEREA COLLEGE		83 54	88 66				78 65			82 56	85 56		81 64	80 69	79 61	77 65	84 68	85 71	83 69	93 70	86 67	78 62	80 58	78 61	82 68	84 65	79 63	82 59	82 60	84 57	87 61	83 61	82.6 62.6
Campullayilla	BOWLING GREEN WB AP	MAX	88 57	90 61	92 62	84 68	88 69	84 63	82 57	86 55	86 57	88 57		83 66	81 68	84 66	79 66		86 68	83 67	89 89	85 67	79 60	84 61	82 68	84 68		78 65		85 64	62	87 64	84 70	84.8 64.0
Cambillation and the state of t	SURGIN DIK DAM	MAX	85 55			87 67	83 67	83 65	81 54	85 55	85 56	88 55		87 63	83 69		81 60	84 67		84 67	88 70	88 69	80 60	82 59	83 63	86 64	86 64	76 64	82 60	86 61	88 59	89 60	88 60	84.9 82.2
Cambring Cam	CAMPSELLSVILLE		85		89	82 70	85 70	81 60	80 59		86 58	88 58		85 65		82 61	78 62	85 68	86 70	82 65	88 68	85 65	78 60	82 58	82 63		86 62	80 64	83 61	86 60	89 60	88 60	84 68	84.3 82.8
Contition of a satisfact at altare in the continion of a section of a	CARROLLTON												- 1				84 56	82 62	84 68	81 68	90 64	88 71	80 62	81 58		87 68	86 63	81 64	84 60		92 62	84 68		-
NATION INCOMENDATION IN ALTERNATION	CORSIN CAA					82 67			77 52	81 55	80 51	83 54	84 60	78 64	81 68	74 65	81 66	83 67		83 66	87 69	83 67	75 63	80 59	77 61	79 64	85 65	74 65	80 63	84 60	84 81	86 60	77 68	81.2 61.8
NATION 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COVINGTON W 8 AIRPORT	MAX	81	82 63	84 67	81 68	79 66	78 61	80 55	83 55	85 60	87 58	87. 60		75 62	78 55	81 59	83 67	84 70	81 69	86 67	82 64	75 62	82 57		79 67	81 60	76 63	83 58	87 63	87 60	86 64	81 68	82.0 62.4
MIN 60 67 67 68 68 69 69 68 69 69 68 69 69 68 69 69 69 69 69 69 69 69 69 69 69 69 69	DANVILLE	MAX	80 55	83 64	86 65	88 65	80 66	83 64	80 54	80 56	85 57	84 57									78 70	88 67	78 60	75 59	81 64	75 68	83 64	86 64	75 60	83 61	85 60	86 80	87 67	
From triangers from t	FARMERS		84 47	86 53	88 58				79 49			83 50	84 53		84 65	79 56	80 57	84 65	82 64	87 65	84 65	84 64	82 56	80 58	79 60	87 65	87 61	85 59	71 55	88 58	87 57	57		
PARTICULT LOCK 4  MAX	PORDS FERRY DAM 50	MAX	88	89 67	90 65	81 67	85 69		82 63	83 57	84 60	87 57	90 62	88 71	82 72	82 56			87 67	83 67	90 71	83 70	77 64	81 63		88 68						88 67	72	
EMERINFILLE 2   21   22   23   24   25   25   25   25   25   25   25	FRANKFORT LOCK 4	MAX		84 58			81 69	85 65	82 55	80 54	84 56	85 56			86 83	78 57	82 58	81 61	87 70	88 70	82 70	90 71	83 63	78 61		77 67	86 65	87 64	74 59	84 58	88 61	81	63	
SHETINILIE 2 T	GREENS SURG				88	90 64	81 68			80 56	84 57	85 58	87 59		80 67	82 64			84 70		77 68	87 67	82 62	75 62		77 68	83 66	85 66	72 64	80 63	83 63	84 63	88 67	
HINDERSON 4 SY	GREENVILLE 2 H	MAX		88 62	88	80			80 57	83 55		88 55		89 63	80 69	87 60	83 61	84 65	85 69	81 67	89 69	81 68	77 58	80 59	78 67	85 67	87 62	77 64	81 61					
NEMOMENDENING SETTLEMENT SCH  18.1 M.	HEIDELBERG LOCK 14		83	87	88 62	80 66	80 66	81 67	81 53	82 54	83 54	85 55	84 59		82 67	76 63	79 62	82 67		82 67	88 69	83 66			78 62	81 65		76 65	81 64	81 60	85 59	60	65	
SINIMAN SETILIZENT SCI.  S. MAX S. S. S. S. S. S. S. S. S. S. S. S. S.	HENDERSON 4 SW	MAX	87	86	89 65	78 65				85 55				88 64	82 71	83 60	85 57	85 65	86 71	80 66	89 68	82 67	78 63	80 60	81 57	87 65	86 61	77 62	82 58		88 63	65	67	
INVINGTON  MIN 60 63 69 68 69 67 60 59 63 60 68 88 67 60 59 63 60 64 65 69 67 60 59 63 60 68 88 67 60 59 63 60 68 88 67 60 59 62 60 67 63 60 67	SINDMAN SETTLEMENT SCH	MAX	82	85	87 57	80 61	84 65	78 66		79 53	82 52	82 56	86 59		83 67	82 63	78 64	81 65		86 67	83 65	88 65	83 64	74 63	80 62		82 63	86 63	72 64	80 63	85 58	85 59		
LEITCAFIELD  MIN S 64 65 66 67 63 56 57 58 64 52 55 57 60 63 66 56 67 63 56 57 58 64 52 65 65 62 60 65 65 60 60 60 65 65 60 60 60 65 65 60 60 60 65 65 60 60 60 60 60 60 60 60 60 60 60 60 60	80PKINSVILLE 2 E			90	90 69	84 68	85 69	82 67	80	82 59	85 63		89 64		82 69	82 64	83 84	84 68	88 69	83 68		82 70	76 60	80 62	81 65			82 65			83 64		65	
LEINGTON WB AIRFORT  MIN 54 86 86 86 86 86 86 86 86 86 86 86 86 86	IRVINGTON		86	86	88	79	86	81 63		83 57	85 58	86 64	88 62	87 64		80 57	81 61	84 69	84 70	78 68	87 70	80 69	77 62	81 59	76 67	85 70	88 66	61	82 59	86 62		88 63		
LOUISVILLE STAN W B AM MAX 88 88 90 82 68 68 68 68 68 68 68 68 68 68 68 68 68	LEITC8FIELD		86	89				83 62	85 60	85 55	85 55	88 57		85 63	78 66	81 58	79 61	85 67	85 68	78 64	88 67	83 65	77 60		65	68	82	61	60	85 62				
LOUISVILLE VS CITY  MAX 84 85 90 82 66 80 85 85 95 96 86 88 88 87 77 88 88 87 77 80 70 86 87 87 88 88 87 77 80 70 86 87 87 88 88 87 78 88 88 87 78 88 88 87 78 88 8	LEXINGTON WB AIRPORT	MAX	84	87	88	80		79 61	78 56	83 57	83 61	85 61	87 61	84 66	78 63		79 62	85 68	86 69			80 64	72 61	79 60	75 65	84 68	83 64	70 62	82 57	63	86 60			
LOUISVILLE VS CITY  MIN 84 95 08 82 28 82 85 85 85 86 87 80 79 87 80 78 88 88 80 87 80 78 88 80 89 88 80 87 80 78 88 80 89 88 80 87 80 78 88 80 89 88 80 89 88 80 89 88 80 89 88 80 89 88 80 89 88 80 89 88 80 89 88 80 89 80 80 89 80 89 80 89 80 89 80 89 80 89 80 80 89 80 89 80 89 80 80 80 80 80 80 80 80 80 80 80 80 80	LOUISVILLE STAN W B AP		88	88		82	86		82 59				89 64	87 67	79 65	84 58	82 62	88 69	87 72	79 70	90 70	83 67	77 64		76 68	85 70		61	86 60			64		64.8
MADISOVILLE 1 SE  MAY 88 08 08 34 65 65 08 68 55 65 08 68 68 55 65 08 68 68 58 68 17 68 75 76 68 75 70 68 75 70 68 75 70 68 75 70 68 75 70 70 70 70 70 70 70 70 70 70 70 70 70	LOUISVILLE W8 CITY		( 84	85	89	79	82	80	81	86 62	86 66	86 66		86 70	77 68			86 70	86 74	79 72			75 67		76 71	85 72	71	75 63	84 64	87 69		70		68.0
MAXINDELETISE MAX 88 88 84 85 85 86 86 87 87 88 80 88 88 84 85 85 86 87 87 85 80 85 86 87 88 80 87 88 80 88 88 84 85 85 86 87 88 80 88 88 84 85 85 86 87 87 85 80 85 86 87 88 80 88 88 88 88 88 88 88 88 88 88 88	LOVELACEVILLE		89	9 90	88				81	82 58				87 66	81	83 55	86 59	88 70	87 68	84 68	89 71	80 70	77 59	80 62	81 67	86 66	88 66	82 68		63				
MAX S 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	MADISONVILLE 1 SE	MAZ	88	8   88					83 57		87 56	88	90 61	88 64	83 71	84 58	83 59		87 70	85 68	90 75	80	78 60	60	68	63		8 65	82 61	62		64		63.5
MAYFIELD 2 8  MAY SUPERIOR MAY	MAMMOTS CAVE PARK				8 8 8		85	83	79	83 51	86	85	86 53	83 64	79 58		79 60	83 57	86 69	84 66	89 65	88 55	81 50	82 56	80 52		61		50	48	57	48	70	57.0
MIN S 7 62 63 66 64 60 68 54 55 57 57 57 60 61 57 57 57 60 61 57 58 59 66 67 68 67 68 67 68 67 68 67 68 67 68 67 68 67 68 68 68 68 68 68 68 68 68 68 68 68 68	MANCSESTER	MAI	X N	88	90	8	8 8 8	82	83		85	88	88 62						86 66		90 67		64	63	64	63		80 67						
MATSVILLE DAM 33	MAYFIELD 2 8		X 8:	9 89	89	8 63			80	83	86	5 : 87	89 81	87	84	, 84 57	84 61	87 67	86 68	84 64	88 66	84 65	75 57	82 58	81 65	87 66	88						71	62.7
MIN SI 55 76 66 5 69 55 55 52 67 85 68 68 68 78 82 80 78 85 86 86 87 88 85 82 80 78 85 86 86 87 88 85 82 80 78 85 86 86 87 80 80 80 80 80 80 80 80 80 80 80 80 80	MAYSVILLE DAM 33			8 8:	88	8 8 6	8 8 6	80	79	79	9 82 5 57	83	84 57	83		79 57	79 58	82 59	83 66	87 67				75 59			62	82 62				58	60	59.8
MILLERSURG MUTHY INST  MAX 95 66 89 85 84 82 78 94 56 53 75 55 75 16 65 75 34 64 66 86 85 87 86 76 76 82 55 85 84 82 82 82 82 82 82 82 82 82 82 82 82 82	MIDDLESBORO	MA:	X 8	6 8	9 90	7 6	8 8	1 82 5 69					88	85	68	80		83 68	86 71	86 70	87 64		79 67	64					68	65	63	61	64	63.7
MAX 55 67 69 85 80 81 81 81 82 82 83 80 81 81 81 84 84 87 87 85 80 79 80 85 86 86 86 86 87 80 87 80 82 84 85 88 85 85 85 85 85 85 85 85 85 85 85	MILLERSBURG MLTRY INST	MA	х 8-	4 8	8 8 9 6	9 8	7 6	1 82 7 64	2 71	8 8 5	81		85	85	80	80	80 54		86 68	85 64	69	63	60	60		85 63			51	60	52	59		
MURIAY MIN 58 62 63 67 70 88 61 56 58 58 62 65 70 61 62 70 70 89 40 90 80 81 86 89 81 86 89 87 86 81 86 89 67 87 88 81 81 81 81 81 86 89 87 86 87 86 87 87 88 87 8	MOUNT STERLING	МА	х 8	5 8	7 8	9 8	5 8					87	87	85	5 66			83	88 68	68	69	67	60	62			64	4 62	56	61	60	64	68	
PADICICAB CAA  MIN 57 63 65 68 71 63 59 58 59 58 63 66 72 53 00 66 70 67 67 69 65 66 70 653 68 71 65 69 89 65 82 59 61 60 63 66 63 57 61 67 70 65 71 63 60 62 69 67 67 68 65 63 65 69 74 65.3	MURRAY	MA	X 9 N 5	0 9	2 9:		0 8	7 83	3 8: 8 6:	83	3 86 5 54	5 87 8 58	89		7 81	83	84 62	87	70	86 68	90	85	60	61	83 68	69		6 70		63	64	66		
PADICAH CAA MAA 66 51 65 68 89 65 82 59 61 60 63 66 63 57 61 67 70 69 71 63 60 62 63 67 68 68 65 68 67 69 65 66 70 65.1	OWENSBORO			0 8	9 9		0 8	7 84	8 8 5	9 5	8 5	9 91	93 63	92 3 66	2 86	87	84			84 67	90	83	79	87 62	80 68		6	5 63	62	63	62	65	72	
PADUCAH MAX 90 93 92 85 83 82 83 85 85 89 87 87 87 88 89 91 87 82 83 85 89 88 84 90 81 82 82 87 88 81 83 85 90 87 88 88 81 83 85 90 87 88 81 83 80 90 87 88 81 83 80 90 87 88 81 83 80 90 87 88 81 80 90 87 80 90 80 90 80 90 90 90 90 90 90 90 90 90 90 90 90 90	PADUCAH CAA	MA M1	X 8			0 8 5 6						8 89	9 90	88	8 83	83			88	83	89	L 63	60		81 69		6	7 68	65	63	65	69		
	PADUCAH	MA MI	X	9	0 9	3 9	2 8 5 6			2 8	3 8	5 81			1 8	7 82	61		88	88	61											66	70	65.1

See reference notes following Station Index.

T) A	TTV	TEL	<b>JPER</b>	ATTI	DEC

Table S-Continued									D	AI	LY	1.	Ľ.IV	IPI	LRA	411	UR	ES	)														TUERY 1950
-			=													Day	of mo	nth															90 10
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Arne
PIERAIFTE	MAX MIN	86 58	89 58	93 63	87 68	79 70	83 69	62 59	84 58	86 58	66 80	88 63	62 68	85 70	79 65	84 67	84	69 65	66 70	91 70	86 70	79 69	60 67	60 66	84 66	86	72 67	83 67	67 67	87 62	69 64	86 67	84 6 65.3
PRINCETON	MAX	82 62	85 62	85 62	80 67	83 88	81 65	80 58	82 57	83 57	85 58	88 62	84 62	78 70	82 56	76 66	83 68	64 69	82 68	88 70	64 69	75 59	78 61	76 66	84 67	83 64	77 66	M1 65	61 62	84 63	64 65	84 71	82 1 64.2
RICHMONO TEACHERS COL	MAX MIN	77 52	83 80	86 62	88 85	80 85	80 83	78 52	77 55	81 53	81 55	84 57	84 61	82 86	79 62	77 58	78 63	85 88	65 85	80 87	87 85	81 58	73 57	60 61	75 65	63 62	84 64	70 55	80 56	63 56	85 60	67 66	61.1 60.6
RUSSELLVILLE	MAX	90 61	92 65	82 67	88 70	87 88	83 68	82 57	86 58	87 58	90 58	90 63	67 67	79 67	65 66	82 65	67 68	89 70	83 88	80 70	87 70	78 62	83 82	83 87	67 67	89 66	76 89	83 64	65 66	69 63	86 65	86 73	88.0 63.5
5T JOHN BETHLEREM ACAO	MAX	78 58	85 81	86 60	87 67	80 82	85 64	79 58	80 54	84 56	85 56	87 61	88 65	87 67	75 58	79 83	78 65	82 88	85 68	74 88	87 88	80 61	75 59	80 84	75 67	85 66	85 63	74 58	60 61	85 58	67 56	86 89	82.1 62.2
SCOTTSVILLE	WAX	88 56	82 80	81 85	83 67	88 66	84 85	82 51	86 54	85 53	88 82	88 58	63 64	80 85	84 62	80 62	88 65	88 88	83 84	2 88	87 85	82 59	82 57	61 81	87 85	80 62	61 65	63 62	87 80	89 58	69 59	87 66	65.7 61.7
SHELBYVILLE 2 W	MAX MIN	84 63	85 84	87 77	82 74	84 75	80 82	82 55	85 54	87 57	88 57	80 58	87 82	78 89	82 58	82 60	85 88	85 70	83 68	88 88	84 88	77 82	83 80	78 66	84 70	85 64	80 81	84 57	68 63	87 56	87 61	84 75	84.0 84.0
SOMERSET 1 N	MAX MIN	83 51	86 60	87 58	81 68	78 67	78 67	78 58	82 58	82 58	88 56	85 62	83 85	83 68	77 64	78 82	80 88	84 70	83 84	87 88	85 67	81 83	60 58	78 81	80 68	85 62	78 66	81 63	85 60	85 58	86 58	82 88	62.3 62.8
WEST LIBERTY WATER WKS	MAX MIN	81 54	80 81	84 67		81 68	80 86	78 60	78 53	82 57	85 58	88 65	85 65	88 69	81 87	82 63	81 84	80 86	88 67	84 71	85 72	88 74	78 85	76 88	81 87	80 87	85 67	70 66	88 88	88 59	86 80	88 63	83.0 64.5
WILLIAMSBURG	MAX	85 51	88 58	88 62	90 65	80 67	81 87	80 81	83 55	83 54	87 56	88 81	79 63	85 68	77 84	80 66	85 80	87 87	81 85	80 88	88 74	82 85	80 82	80 83	62 87	88 84	62 69	81 68	85 84	85 67	88 87	81 86	83.8 63.5
WILLIAMSTOWN	MAX	83 58	85 63	84 82	83 68	79 87	78 83	77 58	80 58	84 82	84 61	86 62	85 64	80 70	75 55	80 58	83 68	85 70	82 68	88 89	84 89	79 81	78 60	77 65	83 68	82 65	78 83	80 81	65 85	85 81	88 88	82 88	81.9 83.9
WOLF CREEK DAM	MAX	82 55	88 61	92 82	82 72	84 70	85 72	84 56	81 58	86 58	87 60	90 84	80 64	86 73	83 66	83 66	80 72	84 73	88 86	84 70	81 77	85 68	77 85	84 88	78 86	83 68	80 71	80 68	84 86	88 87	80 85		85.5 66.1

#### EVAPORATION AND WIND

WOLF CR

																1	Day o	í mor	ath														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
DIX DAM	EAVD		.18			.14		.21	.23	. 18	.24	.17	.23	.15			.12	.08	.35	.36			.09	.09	.08	.21	. 28	-,	.15	.20	. 17	.08	B5.80
REEK DAM	EVAP			.29	.20	.19	-6	.14	.26	.23	.25	.25	.15	.11	.10	.10	.09	.14	.25 27	.06	.16	.24	.10	.14	.14	.12	* 8	:	* 18	.43	.21	.22	B5,23 300

							Obs	W-		Г								Obs	er-			-
Station	Index No.	County	Drainage !	Latitude	Longitude	Elevation	vati	MIL	Refer to tables		Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp. III		Observer		iefer to ibles
ADDISON DAM 43 ADDIPHUS 1 N ALLEN ANCERGAGE ANCERGAP	0043 0095 0155	BERCHIRRIDGE ALLEX FLOYD JEFFERSON PIEE	3	37 53 36 39 37 35 38 18 37 16	88 34 88 16 82 43 85 33 62 26	380 600 850 700 1100	7P	SA CORPS OF ENGINEERS TA TOKIL M DEARING SA HANNIE AUXIER TP C E BARRET SA MARY E BATLIFF	3 4 3 4 2 3 5		LOCLICK 1 S LOUISA LOCK S LOUISVILLE BOWNAN PLD LOUISVILLE STAN WE AP	4882 4693 4943 4851 4854	CLARE LAUREL LAWRENCE JEFFERSON JEFFESSON	1 7	37 51 37 08 38 07 38 13 38 11	84 02 84 06 82 37 85 40 85 44	1250 584 558 485		7A MID	ERS K BURGHEK U 8 FOREST SKMVICE BUSTER SEE US SMGINEERS US WEATERS SUREAU	3 3 3 2 3	4 5
ASHLAND DAM 29 SARRDORFVILLE WATER WES BARDSTOWN BATTER HANLAN WATER WES REAVER DAM	0254 0381 0389 0450	BOTD	7 2 6 2	38 27 38 52	62 38 83 53 85 28 83 20 88 52	837	6P 8P	7A CORPS OF ENGINEERS IID JOSH & WEARTON 7A MRS POPE 818CO IID CYRUS S LAYSON 8P 6 G TOUNG	2 3 5 7 3 4 3 3 4 2 3 5 7		LOUISVILLE UPPER GAGE LOUISVILLE VB CITY LOVELACETILLE LUCAS MADISORVILLE 1 5E	4956 4967 5002	JEFFERSON JEFFERSON BALLARD BARREN HOPEINS	5	38 17 38 15 38 58 38 53 37 19	85 48 85 48 88 50 88 02 87 29	403 457 370 435	MID 6P 7A	NID NID VA	US ENGINEERS US WEATHER SURRAU BLAINE MALONE CECIL B BRITT J W MC COT	2 3 3 2 3	4 5 5 4 4 5
SENTAN SENTON SEREA COLLEGE MEREA FATER WORKS BOSTON 2 SW	0611 0624	EARLAN MARSHALL MADISON NADISON NELSON	9	38 58 38 51 37 34 37 34 37 46	62 57 E6 21 84 18 84 16 85 42		8A 8P	SA C C WHITEAKER HID WILLIAM MELSON SP JAMES A GROSSMAN 7A MRS L B GAFFARD EA MRS PAULENE COY	2 3 5 7 3 4 2 3 4 5 3		MANNOTH CAVE PARE MANCHESTER MAYFIELD SUBSTA MAYFIELD 2 3 MAY6YILLE DAM 33	5110 5230 5232 5243	EDMONSON CLAY GRAYES GRAYES MASON	6 8 7	37 11 37 09 38 44 36 42 38 36	85 38 83 42	800 450 364 364 524	3P 3P 5P 8A	7A 3P 8A	NATIONAL PARK SKKY SARL HOWARD TYA MRS JOE PAYNE CORPS OF ENGINEERS	2 3 2 3 2 3 2 3 2 3	5 4 5
BOWLING GREEN SOWLING GREEN SUBSTA SOWLING GREEN WE AP BRENT DAW 38 DROWNSYILLE LOCK 6	0907 0909 0978	CAMBROGER CAMBROGER AVENER AVENER AVENER	3 3	37 00 37 01 36 58 39 03 37 12		535	MID	7A JAMES R EDWARDS TVA AID US WEATERK BUREAU 7A CORPS OF ENGINEERS 7A CORPS OF UNG INEERS	3		MC MINKETSBURG MIDDLESSORO MIDDLESSORO RE STA MIDWAT 2 S MILLESSURG	5389 5394 5407 5430	PENDLETOK BELL 85LL WOODFORD 30URBON	2 4 5	38 38 36 37 36 37 38 07 38 18	84 09	805	5P	MID MID SP SA	AMANDA A AULICK HUGB ALLEN FRANK M TALIAFKERO JOHN 8 HUGENT W Y ALEXANDER	2 S 3 3 3	4 3 4
BURGIN DIE DAM SURNSIDE CADIZ LOCK E CAMPBELLSTILLE CARROLLTON LOCK I	1206	MERCER POLABEI TRIGG TATLOR CARROLL	2 3	37 48 36 58 36 46 37 20 38 41	84 43 84 37 87 58 85 21 85 11	705 424 777	4P 6P	GA C W WILLIAMS TA BARAS N LEWIS TA CORPS OF ENGINEERS GP ALVA MC MINLEY TA CORPS OF ENGINEERS	3 4 5		MILLERSTOWN MONTICELLO MORRHEAD STA TEACH COL MOUNT STERLING MUNFORDVILLE	5524 5553 5846 5684	HART	5 5 3	37 27 36 50 36 11 38 03 37 10	83 57 85 53	600	39	7A H1D 5P 7A	MAS O M LAVILER M O COOPEN B C MAGGAN FRED CARTMILL EUBERT N MODGES	2 3	4 5
CENTRAL CITY WATES WES CLIMTON COLLEGE HILL LOCY 11 COLLEGE IA CONSTANTINE	1724	WUSHLERBERG BICKMAN MADISON ADAI8 BRECMINRINGS	4 3	37 19 38 41 37 47 37 06 37 4D	85 18	729		HID WILLIAM A OATES HID WCODSON D FRANKLII TA CORPS OF ENGINEER TA MUS HAZEL B PICKE HID HRS GLENNIE L SHAI	3 77 3 UP 3 4		MURRAY OLIVE SILL 1 MW OLIVET OHEONTA OAM 35 OWENSEORO	6012 6020 6033 6081	CALLOWAY CARTER POPKINS CAMPBELL DAVIESS	7 7 7	38 36 38 18 37 13 38 58 37 46	87_09	380 497 420	82	BA 6A 7A	LOTTA DNA SOOPEE ART D WILLIAMS CORPS OF ENGINEERS VINGIL P CLARK	2 3 3 3 2 3	4 5
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OAYELLA OELPHIA 1 S OEMA DUNDEE BARRETTS FORD BE DUNNOR	213	B MARTIN P PERLY 9 KNOTT B OHID 6 WUHLENBERG	1 3 3	37 45 37 02 37 25 37 33 37 05	82 48 88 43 87 04	1780 8 850 8 430		MID SEETHA DE LONG SP RALPH R BRALL SA HATTIS S DARKET TA J L HUFF TA N D GIVENS	3 4 3 3 3 4 3		PINEVILLE PINEVILLE PLEASUREVILLE 2 S PRINCETON RAVENNA LOCK 12	6384 6433 6573 6873	PIRE SELL SHELSY CALDWELL STILL	4 3 4	37 29 36 45 38 20 37 06 37 40	83 42 85 07 87 53 83 57	999 892 529 631	5P	7A 6A 59 7A	F PARTIN E B MORGAN ALTON M EARTILL CORPS OF ENGINEERS	3 3 2 3 3	5
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BICESTILLE SIGB BRIDGE LOCH 7 SINDMAN SETTLEMENT SCB BODGENVILLE NAT PARK BOPKINSVILLE 2 Z	383 381 392	GRAVES GRAVES GRAVES GRAVE GRAVE GRAVE GRAVE GRAVE GRAVE GRAVE GRAVE GRAVE GRAVE GRAVE GRAVE GRAVE GRAVE GRAVES GR	113	36 48 37 49 37 20 37 32 30 52	84 4	3 9 1080	83	SA CORPS OF ENGINEES SA ELIZABETH WATTS MID ERNEST L. WRIGHT SA W M MOREIS	2 3 4 5		WILLIAMSDURG WILLIAMSTOWN WILLOW LOCH 13 WOLFE CREEK OAM WOODBURY LOCH 4	871 872 880	0 WEITLEY 4 GRANT 4 LEE 7 EUSSELL 4 BUTLER	1	2 38 44 5 38 38 6 37 38 2 36 33 3 37 11	84 3 83 5 85 0	4 943 0,846 6 610		7.	A MISS N 6 SIMPSON A COMPS OF ENGINEERS A COMPS OF ENGINEERS A COMPS OF ENGINEERS	2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 4 5 6
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The four digit identification numbers in the index number column of the distinct index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 85%, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and Docember issues of this bulletin.

Moethly and seasons snowfail for the preceding 12 months will be carried in the June lesue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, diseasional units used in this bulletin are: Teaperstures in '7, pracipitation and evaporation in lackes, and wind novessed in alless, operations in sensored in the student Teacher Durant type pan of 4 foot diseaser unless otherwise shown by footnote following Table N.

Sicet and haif more included in snowfall averages In Table 1, beginning with July 1948.

Amounte Is Table 4 are from recording gages. Traces are not abows.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated Data in Tables 3, 5, 6 and enowfail data in Table 7 are for the 24 bours sading at time of cheerwation. See the Station Ledex for observation time.

Show on ground in Table 7 is at observation time for all except Feather Eureau and CAA stations. For these stations snow on ground values are at 7:30 p.m. H.S.T.

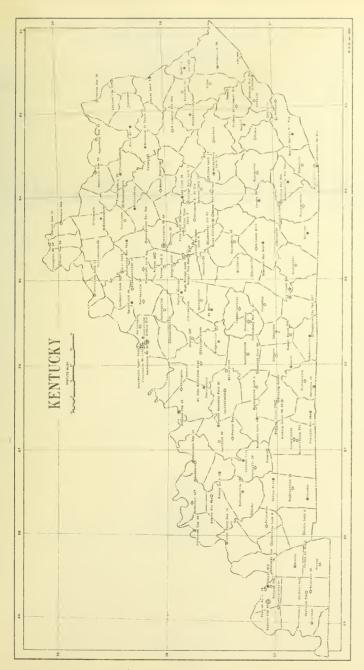
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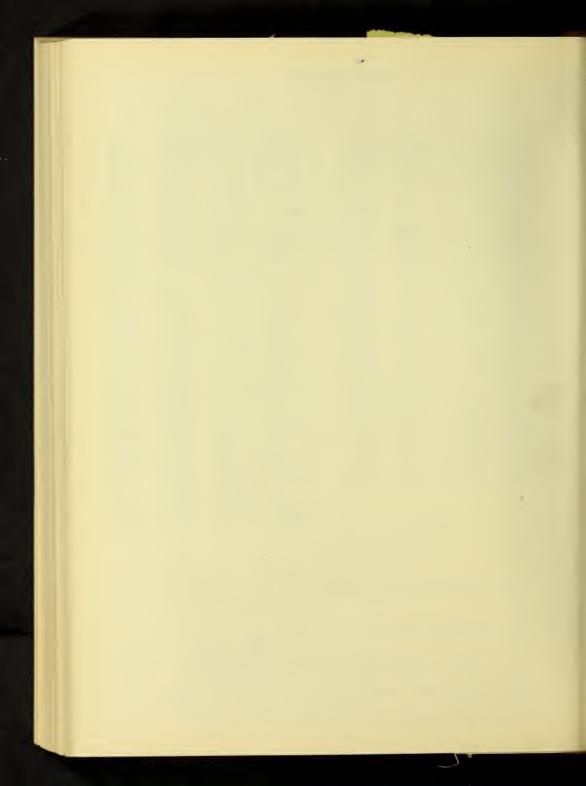
No record in Tables 3, 4 6, 7 and the station was now record in Tables 2 and 3 is indicated by no entry. Then howerly precipitation is missing or and table on a later date or discrement, that display are above in Table 5, and table on a later date or discrement, that distribution understanding the state of

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U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

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# CLIMATOLOGICAL DATA

KENTUCKY

AUGUST 1950 Volume MLV No. 8



#### KENTUCKY - AUGUST 1950

O. K. Anderson, Section Director - Louisville

#### WEATHER SUMMARY

Cool wet weather continued through August. Temperatures again were considerably below normal, making this the fifth coldest August on record. Precipitation again was above normal. The great number of days with rain and excessive humidity created a problem for the farmers in the caring of their crops. Damages attributable to the weather were great.

Daily averages in temperatures were consistently below normal except for a few days in the middle of the month. Excessive cloudiness during daylight hours contributed to the low readings throughout the month. The lowest temperature in the state was the second lowest ever recorded in August. The highest temperature for the month set a record in that it was the lowest maximum ever recorded in August. Temperatures of 90 degrees or slightly above were recorded at many stations but were only reported on 1 to 5 days at the various places. All sections of the state had negative departures from the normal. The mean temperature for the state was 71.9° which is 3.9° below normal. The monthly mean temperature ranged from 74.8° at Wolf Creek Dam to 68.7° at Mammoth Cave Park. The highest temperature recorded in the state was 93° at Wolf Creek Dam and Ashland (Dam 29) on the 18th. The lowest was 37° at Mammoth Cave Park on the 4th.

Precipitation again was above normal and irregular, as determined by the frequency and intensity of the local showers. Amounts varied widely from over 10 inches in the southwest to a little over 1 inch in the extreme north. Generally the western division had an excessive amount, the central above normal and the eastern below normal, with the extreme north showing the greatest negative departure. The average precipitation for the state was 4.78 inches. which is 1.06 inches above normal. The total rainfall so far this year is 49.21 inches against a normal annual total of 45.17 inches. The total amounts recorded this month at the various stations ranged from 10.77 at Murray to 1.19 at Mckinneysburg. The heaviest rainfall reported in any one day was 5.85 inches at Addison (Dam 45) on the 1st.

Weather in this month was generally unfavorable for farm activities. Diseases favored by the weather did considerable damage. Cutting of tobacco was slowed and general reports of houseburn were received. The great number of days with high humidity created a problem in the curing of the crop. The corn crop was generally excellent on uplands or well-drained land, but rain and cool temperatures damaged bottomland corn. The crop matured slowly and was still far from being ripe at the end of the month. Although rains provided farm livestock with an abundance of pastures, at the same time late hays were spoiled or were considerably damaged before farmers could put them into proper storage. The cool wet weather caused an excessive amount of stem and leaf growth on soy beans and this may affect the final yields. Drier weather is needed before fall plowing can be completed, and to ripen those crops that have matured in growth, but are remaining too green for harvest.

The only storms of consequence during the month were those at Shelbyville on the 29th when an electrical storm killed one person and injured two, and the heavy rainstorm at Henderson of the 30-31 where an estimated damage of \$100,000 was reported.

w.s.

#### CKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Mydroclimatic Network Stations which were formerly reproduced in the Mydroclimatic Network is an intomatic net of rini pages—about yof the respective to the respective that the state of the control of the

Previous to the introduction of this bulletin series, data from Hydroclimati Network stations were presented in bulletins (Hydrologic Bulletins) which were issued anothly for each of 8 drainage areas embracing the entire United States, but since the Network was established to seet the internal requirements of the Federal aspectes referred to above a constant of the Federal aspectes referred to above entire of the internal requiregagencies and to certain public repositories. A last of locations where reference conies of the Hydrologic Bulletin Series are available for imspect on the constant of the Hydrologic Bulletin Series are available for imspect of

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

### SUPPLEMENTAL DATA

KENTE ET

	Wind	direction		Wind	speed p h		Rolati	ve hum	dity ave	IVĜes		Numi	ont 1 de	aya ===r	precip	nortett			To the	1 1010
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DUISVILLE WR AP	E	10	4.8	10		1	89	90	55	65	5	1	8	1	1	0	14	69	6 1	1

## COMPARATIVE DATA

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άľ	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days
	70,6 73.2 72.9 75.4 74.8 77.1 76.6 77.1 75.2 76.7 78.1 80.4 75.5 75.5 75.5 75.7 77.4 74.8 74.8 76.9 74.0	100 101 105 99 105 102 105 101 100 102 104 101 103 100 100 99 99 104	43 44 43 45 48 41 49 55 51 52 50 45 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 41 49 40 40 40 40 40 40 40 40 40 40 40 40 40	1,23 6,16 5,82 3,13 1,72 3,02 2,15 2,83 2,33 3,83 3,09 2,74 4,5 1,12 2,48 3,27 2,48 3,27 2,48 3,27 2,64 4,37 4,27 2,60 2,72 4,03	000000000000000000000000000000000000000		1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1925 1926 1927 1929 1930 1931 1932 1933 1933	73.7 78.0 76.0 71.3 77.0 73.9 80.2 75.4 76.0 75.2 75.4 76.5 77.3 71.1 77.0 74.0 74.0 74.0 76.5 74.7	98 108 100 100 101 101 1104 98 101 103 106 101 99 103 106 101 100 113 102 103 106 101 100 101 100 101 101 101 101 101	43 449 42 47 42 50 47 43 48 47 43 43 44 51 43 51 43 51 43 51 43 51 43 51 51 51 51 51 51 51 51 51 51 51 51 51	4.71 2.81 5.94 6.29 4.25 3.49 3.18 5.28 2.43 6.03 3.00 1.47 7.51 2.88 4.33 2.06 6.225 5.36 4.25 3.26 4.26 4.26	000000000000000000000000000000000000000	7 12 14 9 8 8 13 10 6 6 12 12 7 5 14 8 11 6 7 12 7 8 10 10 10 10 10 10 10 10 10 10 10 10 10	1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1949	77.0 81.1 78.0 78.0 75.3 76.0 76.9 74.9 78.1 76.3 75.5 70.7 79.6 74.9 75.3 71.9 75.8	105 108 100 101 99 102 105 104 106 104 103 96 105 105 97 93	42 43 53 52 43 45 44 42 43 40 36 53 47 48 37	4,22 2,22 3,63 4,25 2,88 3,57 3,13 6,56 1,32 5,45 2,47 4,42 3,89 2,13 4,54 4,78 3,72	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 6 9 10 8 8 8 11 4 10 6 8 9 5 12

# CLIMATOLOGICAL DATA

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PRINCIPLE DIAY TOM 5	Station	Average	Departure from normal	Highest	Date		Date	Degree days	Max. 90" or above	Min. 32" or below	Total	Departure from normal		Date	Total	Max. depth on ground at obsn.	Date	ŏ	lo l	1.00 or more
PRINCIPLE DIAY TOM 5	WESTERN DIVISION																			
MOTINGVILLE 1 S	BEAVER DAM FORDS FERRY DAM 5 GREENVILLE 2 W HENDERSON 4 SW	72.8 72.0M	- 4.6	90 90	17	51 48	21 21	4 3 2	1	0	8.81	8.12	1.65 2.30	30 31	.0	0 0 0		13 12	9 8 4	2
DUTISION  72.5 - 2.6 8.0 14	LOVELACEVILLE MADISONVILLE 1 SE MATFIELD 2 S	72.6 72.9 72.5	- 6.0	90 90 91	1 1+ 11	48 48 47	22 21 22	3	1 3 1	0	7.81 8.43 8.16	4.23	2.40 1.84 2.10	15 1 15	.0	0 0		13 11 14 14	7 8 8 8	2 2 2 3
CENTRAL DIVISION  ARCRORGES  ARCRORGES  T1.2 - 3.6 90 1+ 46 21 8 2 0 5.02 1.38 1.38 28 .0 0 12 5 2 1 8006LING GREEN NB AP 72.3 - 5.9 90 28 49 23 0 1 0 3.13 - 61 1.03 35 0 0 0 1 0 8 1 1 8006LING GREEN NB AP 72.2 - 5.1 90 12 47 22 4 1 0 0 2.37 .18 1.03 35 0 0 0 1 10 8 1 1 8006LING GREEN NB AP 71.5 - 5.1 90 12 47 22 4 1 0 0 2.37 .18 1.03 35 0 0 0 1 10 8 1 1 8006LING GREEN NB AP 71.5 - 5.1 90 12 4 5 2 1 10 2.37 .18 1.03 1.00 0 0 1 10 8 1 1 1 1 1 1 1 1 1 1 1 1 1	PADUCAH CAA PADUCAH PRINCETON	72.3 72.7 71.8	- 6.8 - 5.8	90 91 90	1 1 27	50 50 50	21 21+ 21+	3	1	0	7.80 8.44	4.83	1.90	31	.0 .0	0		16	8 8	2
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ST JORE SPILLHEIM ACAD 70.4 - 4.8 89 2 46 22 4 0 5.07 1.03 28 0 0 15 8 8 1	LEXINGTON WB AIRPORT LOUISVILLE STAN W B AP LOUISVILLE WB CITY	71.6 73.1 73.0	- 2.9 - 3.0 - 4.0	90 92 90	1+ 16+ 17	49 49 55	21+ 22 21	6 1 0	2 3 1	0	2.70 3.02 4.98	75 40 1.56 1.11	.85 1.08 1.84 2.63	18 18 29 29	.0	0 0 0		10 9 8 13	3 4 4 7	1 2 1
#ILILIANSTORM 71.5 - 3.5 990 17: 50 21. 4 2 0 0 2.88 - 83 1.96 29 0 0 0 11 7 3    **COLF CREEK DAM** 74.8 93 16 54 21. 4 2 0 0 2.88 - 83 1.96 29 0 0 0 11 7 3    **EASTERN DIVISION**  **EASTERN DIVISION**  **EASTERN DIVISION**  **EASTERN DIVISION**  **EASTERN DIVISION**  **EASTERN DIVISION**  **EASTERN DIVISION**  **PARKEA 9 73.3 - 2.3 93 18 49 21 0 5 0 3.99 .32 1.48 16 0 0 0 12 7 1    **EREA COLLEGE 71.6 - 3.4 88 1 49 21. 7 0 0 4.10    **CORRING CAA 9 9.9 -5.1 91 1. 42 21 0 2 0 2.82 1. 186 29 0 0 11 4 0    **EREA COLLEGE 71.6 - 3.4 88 1 49 21. 7 0 0 4.10    **EASTERN DIVISION**  **EINFLAWS SETTLINMENT SCR 73.0 0 9.9 19 52 44 21 0 2 0 2.82 1.94 .54 30 0 0 11 5 0    **EINFLAWS SETTLINMENT SCR 73.0 0 9.9 19 52 44 20 0 0 5.47    **EINFLAWS SETTLINMENT SCR 73.0 0 0 1.0	SCOTTSVILLE SHELBYVILLE 2 W SHEPHERDSVILLE 2 NW	71.5 71.8		92 90	17	45 47	22 21	5	1	0	5.07 5.18		1.65	28 18	.0	0 0 0		15 11 17	8 5 9	1 2
DIVISION  RESPIRAN DIVISION  ASHLAND DAM 29 71.3 - 2.3 93 18 49 21 0 5 0 3.99 .32 1.46 16 0 0 9 3 2 EBERNAL  T1.6 - 3.4 89 1 47 21+ 4 0 0 2.96 - 1.21 .66 29 0 0 112 7 1 1 6 CORDIN CAAA 66.9 - 88 1 49 21+ 7 0 0 4.10 0 2.96 - 1.21 .66 29 0 0 113 5 1 1 5 0 1 1 5 0 0 1 1 1 1		71.5 74.8	- 3.5			50 54		4			5.80	85		1 29					6 7	
ASHLARD DAM 29 77.3 - 2.3 93 18 49 21 0 5 0 3.99 .32 1.46 16 0 0 9 3 7 2 1	DIVISION	71.7									4.26									
ASHLAHD DAM 29 73.3 - 2.3 83 18 48 21 0 2 4 0 4.58 1.56 30 0 0 12 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EASTERN DIVISION										2 00	20	1 40	16				9	3	2
REFIGENOR LOCK 14 71.1 - 4.0 88 2 2 50 22 2 0 0 1.47 1.16 26 0 0 14 7.2 1.18 28 1.18 2	BEREA COLLEGE CORBIN CAA	71.3 71.6 69.9	- 3.4	92 89 88	20 1 1	48 47 49	6 21+ 21+	4 7	0 0	0	4.98 2.96 4.10	- 1.21 - 1.94	1.56 .86 1.00 .54	30 29 25 30	.0 .0 .0	0 0 0		11 13 11	7 4 5 5	0 1 0
ILLIANSSURG   ILLIA   ILLIANSSURG   ILLIANSSURG   ILLIANSSURG   ILLIANSSURG   ILLIANSSURG   ILLIANSSURG   ILLianssurg   ILLianssurg   ILlian	RINDMAN SETTLEMENT SCR MANCHESTER MAYSVILLE DAM 33	71.0 73.0M 69.3	- 6.1	89	19	52 53 49	4+4	0	0	0 0	5.47 6.64 1.58	- 2.43	1.18 1.00 .85 .65	28 30 19 25	.0	0 0 0		14 12 9 12	7 10 1 5	2 1 0 0
WILLIAMSBURG 72.1 - 4.1 89 1+ 53 4+ 0 0 3.70 DIVISION 71.5	MILLERSBURG MILTRY INST MOONT STERLING PIKEVILLE RICEMOND TEACRERS COL	72.0 74.5		91 91 88	16+ 1+ 2+	49 57 49	21+ 6 22	3	3 5 0	0	3.90 4.43 3.25		1.59	29 28 31	.0 .0 .0	0 0		7 15 11	3 6 5	1 0
DIFISION 71.5 3.70 4.78 1.06	WILLIAMSBURG	72.1	- 4.1	89	1+	53	4+	0	0	0					.0	0				
STATE 71.8 - 3.8 4.78 1.06		71.5									3.70							1		
	STATE	71.8	- 3.8								4.78	1.06								

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# DAILY PRECIPITATION

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																														At a	, - 1	1950
Station	1	1	3	4	5	6	2.1	8	9	10	11	12	13	14		ol m		18	19	20	21	22	23	24	25	26	27	28	29	30	31	ą
ADDISON DAW 45 ADDISON DAW 45 R ADOLPHUS 1 N ADOLPHUS 1 N RALEN	5 R5 3N 43 30 07	35 33 10	10					02	02 .03 .05 1.82	1 7R	07	23		. 04	T 25 20 23	03	50	10 19 1 09	10 1.08 11	15				07	03 05	02	12 14	05 22 09 1 59 RO	2 06 I 48	10 14 1 15 14 18	12 7 .61 2 .08 6 .55 6 .82 4	7 01 2 71 5 07 5 12 1 43
ANCHONAGE ANHCAMP ASHLAND DAM 29 DARHOURVILLE WATER WA R BARDSTOWN	07 30 14 15 1.56	.03 T 09	30		02				69	04 1.35 .04 72	06	.50			23 08 22	50 1.48		75 20	T 20 28 1.78	23					1 16	07	.15 13	1 00 40 7	05 59 42	33 52 02 27 38	23 5 05 2 60 3 25 6	5 (2 2.93 3.93 2.94 5.28
BAXTER HARLAN WIR WES R BEAVER DAM SENHAM BENTON REKRA COLLEGE	64 R3 11 41 06	90 19 03 04 05	. 74						.65 18	.10		.40	.08		.20 .05 .07	45 .02 .11	.1R	31 1.0R .55	.10 20 15	.35				.17	35 25 .06	10 08	T T	04 89 27 58	.73 T :	12 20 1 1 58 29 2 46	54 4 74 4 35	28 1 15 1 88
BEREA COLLEGE R BEREA WATER WORKS ROSTON 2 SW BOWLING GHEEN BOWLING GREEN SUBSTA	.05 54 1.34 .58 .57	.03 04 34 22 .13	.04 T						.15 .28 .18 .27	.05 .38 .29 .05	.09			т	.12 .14 .51	.05 .08	.13	.65 T .03	04 .84 09 .12	.02				. 39	.11		.08	55 04 38	.81 .89 .84	82 38 21 10 09	13 2	2 70 1 04 3 38 3 54 3 67
BOWLING GREEN WB AP BOWLING GREEN W8 AP BRENT DAN 36 BROWNSYLLE LOCK 6 BURGIN DIX DAN	. 20 15 . 14 1. 05 36	14 14 03 26 35	T					.03	.05 08 .06 .34	.71	т		т	Т	.18 .17 T .28	T .01		.17	.49 .15	Т	т			.04	.31		T .05	.77 .74	T .84 .58 .47	12 1 .11 1 04 28 .20	.08 3 .03 3 35 2 .09 3 55 4	3.13 3.02 2.46 3.81 4.05
BURNSIDE CAD1% LOCK E CAMPSELLSVILLE CARROLLTON CARROLLTON LOCK 1	2.07	.50 1.34 .16 1.85	. 06						.25 .8R .07	.14		.20	.05	1.70	.09 .75 .13	.04 .20 .43		. 86	.31 06 .20						.47	.08	01	.45	.84 29 11	.10	.92 4 .13 7 .22 2	7.01 2.37
CARROLLTON LOCK 1 R CENTRAL CITY R CLINTON R COLLEGE HILL LOCE 12 COLUMBIA LW COLLEGE	1.86 2.21 77 .44 1.03	.04	. 35					.02	1.67 .08	25	.17	. 08	15 .45	.04	. 26 . 71 1. 88	.04 1.05	.07	1.03		1.62	Т			. 61	. 06	. 32		.34 .73 .66 .25	. 18 90 1.89	.03 .05 1 .05 1 .24	.15 6 .79 12 .87 7	0.0
CONSTANTINE R CORSIN CAA COVINGTON W B AIRPORT CYNTHIANA DANVILLE	.07 .09 T .14 .37	.04 .24 .71 .01	T	т					.74 T	.41	.71 T T			.01	.33 .07 .28	.20 T		.39 .35 .53	. 78 T . 02	T T	. 05			.03	. 04 1.00	.02		. 25 34 . 13	.67 T .15	.09 23 .27 .07		. 44 . 10 . 93 . 01 8. 04
DAVELLA R DELPHIA 1 E DEMA DELPHIA 1 E DEMA DUNDEE BARRETTS FRD B DUNDEE BARRETTS PRD B R	.57 .32 1.72 .22	.94 .17 .20 .05	03						T .08	.10 .14 .06	.50 .01 .21	.07			.15	.47 .82 T	48	.17	.14 .41 .20					. 02	.01	. 89	.18 .02 .13 .04	.24		.81 .45 .31	11 3 27 5 35 5	
DMORTON R	.08 1.67 T 1.20	.32	.02					.05	.02 .99 .10	.20 .35		.04	. 03	.47 1.00	. 28	.60 .86 .39		. 12	.74						. 28			. 25 1	44 00 84 .50	.20	07 3 6 12 6 05 4 19 3	.41 .22 .56 .33
LIZASETHTOWN FALMOUTS ARMERS TLEMINGSSURG TLEMINGSSURG POST OFF R	.05 29 .41 .24	.15						.32	.70	.11 .07 .26	. 68			.05	. 21 Ť	. 02 . 02 T		.15 .07	.37 .44 .09						.20	1.19	.03	.53 T .04	.06 .49 .45 .05	.64 .29 .54	36 3 29 3 44 2	. 98 . 27 . 52 . 14
PORD LOCK 1 PORDS FERRY DAM 5 PORDS FERRY DAM 5	.03 1.21 .45 1.04	.50	T		. 03			. 07	T .02 36	.15 .32 .01 .28 T		. 02	.12		T 1.18 .34 .04	.24	Т	1.20	. 11 . 87 . 85	T				.12	. 09	. 14				.26 .65 .10 2 .38		
RANKLIH WATER WORKS R PRENCHBURG REORGETOWN WATER WORK REST LOCK 3 R	.41	.20 1.07 .33						.04.	. 22	.03	. 15			.12	T .03	. 04	1	.38	.45 .57 .56						. 18		.50	.60	.58 .27 .24	.08 2.	16 5 32 4 30 2 15 2 16 2	.51 .28 .30 .24 .27
LASGOT FRANT DAM 38 FRAYSON FREENSBURG FREENSBURG BIWAY 61 B	1.30 .57 2.30	. 15	. 10						т	.20 .70 .40 .30	T .01				. 16	T .03 .60	. 02		. 63 . 86 . 53	7	T					.78	T .10	.06 1		+ 5		97 . 59 . 75
REENUP DAM 3 REENVILLE 2 W ALEYS MILL R ARTFORD 6 N AZARD	1.22 .23 1.01 1.17 .26	.06 .69						Т	.15 .69 .05	.59	.04	.02	58 .35 .05	. 33	.51 .42 .04	.92		.35 .61 .37 .26	.80					. 08	04 .03 .04 45	.82	.04	.03 .65 .33 25	.21 T	.05 2. 2. 64 1.		. 13 .48 .20 .53
AZARD WATER WORKS R EIDELBERG LOCK 14 EIDELBERG LOCK 14 R ENDERSON 4 SW	. 26 . 32 . 02- . 10 1. 10	.06 .05 .15	. 22					т	. 16 T	.04	Т	.31	. 22	T .50	.03 .31 .12 .51	.31 .32 .02	. 08		. 26 T	.24				.25	.90	.30 .94 .05	.56	. 09	10	.80 .15 .85 .97 2 .04 2	39 4. 81 3. 02 3. 80 6.	.07 .41 .33 .71
ICKMAN ICKSVILLE IGH BRIDGE LOCK 7 INDMAN SETTLEMENT SC ODGENVILLE NAT PARK R	.33	.75	01 .15		. 02			- ,	.22	.18	.1	.34	ij	. 2	- 4	.09	.04	.00 T 1	.48	. 47	. 03			.58	.20	T .17 .02	. 23	. 72	40, 1	T 1.	88 -	16 11 47 68
OPKINSVILLE 2 E TDEN RVINGTON ACKSON ENKINS R	T .88	.68	т		т			1	.10 1	. 32	.04			.34	. 60 . 62 . 20	. 30	T		. 55						.20		T .02		.03 .16 .64	21	29 6. 15 8 91 4. 92 4.	21 25 60
	.12 1.11 .03 1.74	.68 .04 1.62						04	.50	41 .09 T	.29	18	. 02 1	. 31	.15 .14 .18	.31	. 60	.05 1.08	.50	т	. 02				т	.48 .13 T	02	.36	79	20 1.0 .71 .1		25 03 43
	. 09 2 70 . 03 1 . 73 . 23	.34 .56 T .07	.12		Т				27	.07 .90 T	.37 .03 .37	т		Т		.47 T	.03	.85	. 12 . 27 T	r					.07	. 15	.03				20 3. 05 5. 17 2. 07 6.	
ITTLE SICKMAN LOCK 8 ITTLE BICKMAN LOCK 8 R OCKPORT LOCK 2 OGLICK 1 9 ONDON 3 SW R	.43 20 .02 .02	. 09							.07	.13 .42 .02	. 03	. 03				.15	. 82	.11 1.51	. 50 . 04 . 94						.65	. 08		20	24 .		18 3.1 15 3 : 16 3.1	75 26 26
OUISA LOCK 3 R OUISVILLE BOWMAN FLD R OUISVILLE STAN W B A R OUISVILLE UPPER GAGE OUISVILLE WB CITY R	.38 .22 .30	.02 T			т				. 05 . 54 . 68	23	.11	г		. 14	.84 .10 .16 .08		1	06 . 84	.13 .50						.81	. 73	.10	.07	18		3 2.1	
	.47 .12 1.84 .42	. 26						.04	04	. 05		.57	. 53	.67, 2 .50	.40	. 11		23 29 47 T						.35	r r .11		. 18,	JU 1.	14 .	US 2.0		81

See reference notes following Station Inde

- 131 -

															Day	of m	onth															Total
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	I5	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	E .
MANCHESTEB MAYFIELD SUBSTA MAYFIELD 2 S MAYSVILLE DAM 33 RAYSVILLE DAM 33 R	.66 .62 .14	1.44 .65 .14	.76				. 04	. 05	. 04	.09	. 45	.60	.37	T .41 .15	2.10	1.17	. 26	.30	.61	.55				.30	1.16	. 73		. 08 . 93 . 02 . 09	.10 47 .10 .26	1.00 .11 .22 .19	1.60	6.64 5.52 8.16 1.58 1.44
MC KINNEYSBURG //R MIDDLESBORD MIDDLESBORD RR STA R MIDWAY 2 S MILLERSBURG /R	. 23	.44						.05	.02	.15	.09	. 04		. 27	.37	.15		.31 .02 .40 .82	.04						. 65 . 37	.06		. 41	.01 .46 28 .30	.05 .22 .31 .40 .06	.05 40 .14	1.18 3.01 3.14 1.55 2.95
MILLERSBURG MLTRY 1NST MILLERSTOWN MONTICELLO MOREHEAD STA TEACB CO R MOUNT STERLING	.50 3.02 .30 .58		. 22						T .37	.33					. 26	. 22		.71 1.12 1.20	. 26	. 01					.66 .06		,14 T	. 10 . 48 . 12		.21 .18 .65 .35	. 18	2.86 5.77 3.78 2.83 3.90 6.11
MUNFORDVILLE MUNFORDVILLE MURRAY DLNEY ONEONTA DAM 35	3.14 1.18 .13 1.31	.03						. 04	. 11	.92		T .01	.75	. 27	.46 2.90 .92 T	.44 .03 .42 .01	. 05	.07	. 28		т			.02	. 11	. 10 . 02 T	. 05 . 03	.84 1.35 1.05 T	.79	. 10	2.71 2.23 .21	4.11 10.77 7.64 3.18
DWENSBORO OAM 46 OWENSBORO OAM 46 OWENSBORO OAM 46 PADUCAH CAA PAOUCAH	1.03 1.21 1.96 1.13	. 59						.08 .11 T	.07 .10 .50 .18			. 03	.01 .01 .88 1.96	,92			. 55	.04 .02 .14 .67 .85	. 10					.35	. 52			1.68	. 03	T	2.14	5.33 5.87 10.75 7.60
PAQUCAH SCS MURSERY R PAINTSVILLE PIREVILLE PIREVILLE R PINEVILLE R	.85 T .14 .12	. 03 . 04	. 61					. 05	.20 T	T .06 .05	. 02 . 40 . 45	.01		.65	. 29 . 43 . 48 . 49	. 24		. 10 . 55	. 10					. 09		T .02	.04 .03 2.R6		.69 .13 .20 .39	.71	.67 .18 .69 .32	2.75 4.43 4.02 6.90
PLEASUREVILLE 2 S PRINCETON RAVENNA LOCK 12 RICHMOND TEACHERS COL RUMSBY LOCK 2	.35 .18 .48	.02							1.40	.34	.08			1.10	. 05		. 51	1.04 .08			. 87			.40	9	.08	. 28	. 03	. 24 . 41 1. 18	.22	1.90 1.64 .73 .40	8.44 4.54 3.25 4.43
RUMSEY LOCK 2 R RUSSELLVILLE RUSSELLVILLE SUBSTA SADIEVILLE WATER WORK R ST JOHN SETBLEHEM ACA	.50 .47 1.31 3.20	. 71							. 25 . 10 . 21	2.00 1.86	.13		. 07	.28	. 09 1 . 19 . 94 . 03 . 07	. 17		43	1.56						. 48		. 05		.50		.12	6.51 7.03 3.01 5.44
ST MARY SALVISA LOCK 6 SALVERSVILLE SCOTTSVILLE SEBREE WATER WORKS	.10 1.24 .05	.28						.65 T	.06	.19			. 18	.03 T	.68 .15 .18 .31		1	.53 .03 .17 .91	. 04		. 02				. 15 T		.14	.36	.55 .20 1.03 .09	.23 .31 .19 61	.17 .17 .50 3.83	4.63 1.73 5.07 8.08
SHELSYVILLE 2 W SHEPHEROSVILLE 2 NW SMITHFIELD 4 S R SDMERSET HIMAY OEPT R SOMERSET 1 N		.02		- '	. 01	-			1.16	5	1	-		-	.06	: 1	-	1.65 1.16 .20 .34	-	-	-				.0	. 08	. 13		.68 .38 1.36 1.22	.39 .22 1.10 .38	.14 .26 .20 .89	3.78 5.26 6.25
SPRINGFIELD STEARNS R SUMMER SHADE SUBSTA TATHAM SPRINGS R TAYLORSVILLE	. 86	. 19	. 20		т				. 01	В	.33	3		-	.15 .25 .15 .22	. 02		2.06	. 45	5	. 00	2			T	. 04		. 19	. 68	.11	. 75 .12 .09 .24	3.51 5.19
TOMPKINSVILLE R TOMPKINSVILLE TEL DFF TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN DAM 49	01 	2 .75							.1	0 .73		.0:	2 .0	1.94	1.05	.30 T	. 0	1.10	, 68					. 1	4 .6		. 01	. 63	. 13 60 . 75 1 . 38	0 .08	29 . 48 20 53	2.74 8.60
UNIDATOWN DAM 49 VALLEY VIEW LOCK 9 VANCEBURG DAM 32 WAYNESBURG 6 E WEST LIBERTY WATER WK	.1: .4: .4: 1.0	1 05 5 .20	T			т		. 28	. 1	.02	.2	. 1:		0 .21	. 14	.05			.56	0						. 35		. 64	1 .18 1 .07 1 .60 .64	09 0 01 0 60 1 33	.23 .06 .38 .90	2.89 2.32 S 61
WILLIAMSBURG WILLIAMSTOWN WILLOW LOCK IS WOLF CREEK DAM WOLF CREEK DAM	.4 .1 1.1	2 .02	. 27						. 0	11	. 0	2 .1	i	.3:		7 .0:		1.00	1.00	3 .02 5 6 5					. 0		3	1.40	1.96	3 .33 5 .25 6 .05 8 .12	.45 .40 .27 2 .24	3.56
WOOOBURY LOCK 4	1.1	2 20						. 0	.1	2 .44			.1	0 .0			2	.11	. 10					0	3 .2		6	. 90				S.25

Pr. III						A	м Н	ous en	ding									P	м н	offic was	les					
Station				1.	4	5	6	7	8		10	11	1.2	1	χ	3	4	×	6	T	0.	9	100		12	1
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ADDISON DAM 4S ADOLPHIS I N BARBOURVILLE WATER WKS BANTER BARLAN WATER WKS		Ū1			01	0.1		01	01		l ta				try	-18 -01	04					08		28		34
BERTON 1 SW BEREA COLLEGE		01	02	01		01		14	01		1.0			0.1		0.1					36	0.5				64
BARBOURVILLE WATER WAS BANTER HARLAN WATER WAS SENTON 1 SW BEREA COLLEGE HOWLING GREEN WB AP CARHOLLTON LOCK 1 CENTRAL CITY CLITON					118												1.62	.24							01	18
CENTRAL CITY CLINTON		•	*	•	•	•	*			٠	٠		٠		٠	•	1 62 2 04			12	0.4		10 01	08	0.2	2 21
CONSTANTINE CORBIN CAA DUNDFE BARRETTS FORD RR	6			*					01	٠					0.8		03	01							63	)7
EDMONTON FONDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3				01	01											04	. 01	. 04	01			0 I 13	05	10	03	0 S
FRANKLIN WATER WORKS GEST LOCK 3																. 20	02				01 08		30	0.4	01	4S 41
HALLYS MILL HAZARO BEIDFLBFRG LOCK 14		09	01	02			02						03	02	1 S	.04		. 12	, S2	03		21	. 03			28 1 01 28 02
HERNDON HODGENVILLE NAT DARK		.02	. 13	02		01	(2			0.1					02	.02						1.02	01		01	1 10
JENKINS KENTUCKY DAM		04	. 01	02 01						. 01								08	1.40	. 22						18 03 1 74 03
LEXINGTON WB AIRPORT LIHERTY LITTLE BICKMAN LOCK 8		02	.01	03	.14	08		. 06											03							03 23
LONDON 3 SW					. 03	. 07	01	.06	02	.01										. 01	.01					02
LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY		.12	01	. 01												.24									. 01	38 22
MADISONVILLE 1 SE		.01	.01 01	.01	. 01				01															.06	02	12
MAYSVILLE DAM 33 MC KINNEYSBURG MIDDLESBORO RR STA		. OR	. 01	01												. 11	. 07	.01	.03	08		.10	10			23 20 02 14 38 22 12 12 .42 .23 .23 .22 .77 .30
MILLERSBURG		.01	.01	. 25	. 19	.01	. 04	. 02	. 08	. 05	02							. 19	. 30							.22
MOREHEAD STA TEACH COL MUNFORDVILLE OLIVE HILL 1 NW OWENSBORD DAM 46 PADUCAH CAA		. 22	01	.01	. 01	. 04	. 0I . 01	.05										, 39						. 03	. 05	1.18
OWENSBORO DAM 46 PADUCAH CAA	6	•					*			2		1.70		.01				.16		.01		.01	.06	.01		1.96
PADUCAR SCS NURSERY PIKEVILLE		. 23					10	.01													. 78	.07				.85
PADUCAR SCS NURSERY PIKEVILLE RUMSEY LOCK 2 SAGIEVILLE WATER WORKS ST MARYS COLLEGE SKITHFIELD 4 SOMERSET HIWAY DEPT		. 23	. 01				.02		. 01	.01	. 02				. 01		.01	01		. 01	. 01	. 04	. 11	. 03		.50 1.31 .10 .29 .08
SWITHFIELD 4 S SOMERSET HIWAY DEPT			01	.01	02	.02			.02	.01	.02						.03		.01		.28				. 01	.10
STEARNS TATBAM SPRINGS		. 01		-	٠	. 01		. 01										. S8								03
TATBAM SPRINGS TOMPKINSVILLE UNIONTOWN DAM 49 WOODBURY LOCK 4		01	. 01		.01	.01	. 02	.03	. 01												.01	.0S	. 01	.01	. 01	.09
													-2	d-							.01	.01		.15		. 19
ADOLPBUS 1 N BAXTER HARLAN WATER WKS		. 02	. 01	01	.01				. 02	01	. 01	.08	.01	02	01 . S0	03	06	01 22	.02							19
ADOLPBUS 1 N BAXTER HARLAN WATER WKS BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP			01			02	01			.01		. 0		02	. 50	0.3	00	22	.02							19 . 90 . 04 . 03 . 14 04 . 21 . 04
CENTRAL CITY			. 01		06	0.0	. 01	. 01	. 03	01	.02	. 01			. 01	. 01										.14
CONSTANTINE CORBIN CAA DUNDEE BARRETTS FORD BR	6	01	. 01	08 01		03			. 01	01									. 1		.02					
DUNDEE BARRETTS FORD BR EDMONTON FRANKLIN WATER WORKS		01					. 01	. 01	02	. 02	01	. 04									.02					.0S
FRANKLIN WATER WORKS HEIDELBERG LOCK 14 BERNDON		0.1				. 01	. 03	. 04	.06	. 07	01	. 02	01	. 02	01											.0S
HODGENVILLE NAT PARK LIBERTY LONDON 3 SW		01 04 03 02	02	01		.01	.00		. 01	.02	.01	.01	.03	.01				01								. 07
LONDON 3 SW LOUISVILLE BOWMAN FLD			. 01	01									. S2		04			-								. 89
LOUISVILLE BOWMAN FLD LUCAS MADISONVILLE 1 SE MIDDLESBORO RR STA		02	. 0 S	01					01	.11	.08	08	.01	.18	. 17	.02	.07									.0S 07 20 .0S .07 .09 .19 .S9 .02 .26 .09 .44 .03
MUNFORDVILLE OWENSBORO DAM 46 PADUCAH CAA							. 01		. 01	. 01	01	01		. 10	. 11	.02	.01									. 03
PADUCAB SCS NURSERY	1	. 13	*	*	*.	01	. 02	. 04	. 02	01				0.7		0.5	0.7									
RUMSEY LOCK 2 ST MARYS COLLEGE		02	01 01							.01				. 01		.01	.01	. 01								. 02
PIREVILLE RUNSEY LOCK 2 ST MARYS COLLEGE SMITHFIELD 4 S SOMERSET HIWAY DEPT STEARNS		. 01 . S3	. 02	0.2						. 01			. 01	04												. 02
STEARNS TOMPKINSSILLE UNIONTOWN OAM 49 WOLF CREEK DAM								01	. 12	. 04			03	*	*	• '	*	*	08							.06 .04 .02 .03 .02 .62 .08 .19 .03 .25
WOLF CREEK DAM WOODBURY LOCK 4			.01	.01		01		01	.01		.01		.01	. 23												.03
													-8t	h-												-
AODISON DAM 4S ADOLPHUS 1 N BOWLING GREEN MB AP																								01 .	01	. 02
BOWLING GREEN WB AP CENTRAL CITY ECMONTON								0.5																01 .	01 01 03 01	.03
							0.1	. 07	.01			.03	01			.04	03		. 03		94					.02 01 .03 .02 .16 .07 .94 .04 .04
FRANKLIN WATER WORKS KENTUCKY DAM LUCAS														02		.04			. 02						04	.04
MADISONVILLE 1 SE OWENSBORO DAM 46 PADUCAH CAA PADUCAB SCS NURSERY																						08	07			. 07
PADUCAB SCS NURSERY UNIONTOWN DAM 49							0.5									-	•	. 23		06	. 02			02 .		. 0S . 28 . 01
UNIONTOWN DAM 49 WOOOBURY LOCK 4																									01	. 01

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HOURLY PRECIPITATION KENTUCKY AUGUST 1950 P. M. Hour ending A M Hour ending Station 5 7 8 10 11 1 4 6 7 9 10 11 12 2 2 ADDISON DAM 45
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ENTON .03 1.82 .6S .1S .08 1.67 .08 -9th-. 01 0.1 14 . 01 . 0S . 02 . 01 .01 . 01 .01 . 01 01 38 . 16 01 .33 .01 .01 . 01 02 01 11 . 07 01 12 01 01 .02 20 02 KENTUCKY DAM

LEKINGTON WB AIRPORT

LIBERTY HICKMAN LOCK 8

LODION 3 SW

LODION 3 SW

LODION 3 SW

LODION 3 SW

LODION 3 SW

LODION 3 SW

LODISVILLE BOWAN FLD

LOUISVILLE BOWAN FLD

LOUISVILLE WA CITY

MADISONVILLE 1 SE

MADISONVILLE 1 SE

MADISONVILLE 1 SE

MADISONVILLE 1 SE

MADISONVILLE 1 SW

MADISONVILLE 1 SE

MADISONVILLE WATER WORKS

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TO ST MANY 03 02 .01 10 . 01 02 . 01 0.5 17 04 01 03 .07 03 0.1 .03 .01 01 . 02 . 02 18 17 20 28 21 69 10 58 98 35 02 38 46 01 .01 0.1 07 01 03 06 05 . 01 . 01 38 -10th-04 10 0S 51 BARBOURVILLE WATER WKS
BAXTER HARLAN WATER WKS
BEREA COLLEGE
CARROLLTON LOCK 1
COYINGTON W B AIRPORT
DAYELLA
FLEMINGSBURG POST OFF
FORDS FERRY DAM SO
REIDELBERG LOCK 14
JENKINS 01 . 01 .01 01 .08 0.1 02 . 03 47 .10 .09 .01 .05 .33 .02 .04 .23 .04 \* . 01 01 08 REIDELBERG LOCK 14
JENKINS
LIBERTY
LOGLICK 1 S
LONDON 3 SW
LOUISA LOCK 3
MAYSYILLE DAM 33
MIDDLESBORO RR STA
PIKEVILLE
STEARNS
TOMPKINSVILLE
WOODBURY LOCK 4 0.1 01 0.1 01 03 02 -llth-CARROLLTON LOCK 1
CESTRAL CITY
CONSTANTINE
DAVELLA
HODGENVILLE MAT PARK
JESKINS
LOUISA LOCK 3
LOUISA LOCK 3
HIDDLESBORD OR STA
PIKKVILLE
RUMSEY LOCK 2
UNIONTOWN DAM 49 17 01 71 50 36 11 02 03 11 75 45 13 33 02 .01 .02 01 01 .02 S4 .01 0S 09 03 11 02 01 -12th-02 .09 .02 .02 02 BENTON 1 SW CLINTON FORDS FERRY DAM SO KENTUCKY DAM MIDDLESBORO RR STA PADUCAH CAA PADUCAH CAA UNIONTOWN DAM 49 .01 08 02 03 .02 . 04 -13th-. 36 03 D4 25 .04 BENTON 1 SW
CENTRAL CITY
CLINTON
FORDS FERRY
HALFYS WILL
HERNDON
KENTUCKY DAW
MADISONVILLE 1 SE
OWENSBORO DAM 46
PADUCAM CAA 02 . 01 01 0.4 .01

See reference notes following Station Index

01

Table 4 Continued																									V DO DE L	1950
Station						A 1	M Hou	ar endi	ing									PI	M Hou	end	ing					Total
Sinton		Œ.	2	Υ.	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10.	11	12	To .
PADUCAH SCS NURSEHY RUNSEY LOCK 2 PAIONTOWN DAM 49 YOODBURY LOCK 4								03	11	12 02	08 03 01	01	05 02	68			01									1 07 07 40
NIONTOWN DAM 49 FOODBURY LOCK 4					01	02		17	10	08	01	01	0.5													40
												-	-14	th-												
DOLPHUS 1 N FNBRAL CITY LINTON			08	16	06			01		.01	02 04	01						01	01							04 04 96
ORBIN "AA 6 ORDS FERRY DAM SO		01	10	03	13	02	0.8	41	25								٠	. 1.9	٠	٠	01		or-		48	1 82
LLINTON ORBIN FAA 6 ORDS FERRY DAM SO RANKLIN WATER WORKS ALEYS MILL EENDON							01 06	01	.19	.12 .02 18 05	. 01	08	. 01												.42	1 82 12 1 15 50 85 14 61 27
ERNDON ENTUCKY DAM OUISA LOCK 3 ADISONVILLE 1 SE			0.6	16 01 27	14 22 10	04 16 .02	06			0.5									.11	. 03						50 S5
ADISONVILLE I SE					08	03	.01	02	. 21	.09	.12									.15		09	01		05	. 61
IDDLESBORO RR STA ADUCAB CAA ADUCAH SCS NURSERY	6		.13	29	15	.06	٠	82	*			•	٠	0.6							٠	*	*	*	.02	. 68
TEARNS COMPKINSVILLE			-	02	- 02	- 01		-	. 01	-					. 03	01					-			-	. 23	04
NIONTOWN DAM 49 OLF CREEK DAM OODBURY LOCK 4				.02	02	01			, 01			. 03	. 01		. 03	.07	. 22								. 25	04 .29 .32 06
													-15	th-												
DOLPHUS 1 N ARBOURVILLE WATER WKS AATER HARLAN WATER WKS LENTON 1 SW LERCA COLLEGE OWLING GREEN WB AP ARROLLTON LOCK 1			08		02		. 03	. 15																		. 20 . 08 . 20
BAXTER HARLAN WATER WKS			03	.05	. 08	. 01									, 50	. 31	.02	.06	.01							. 20
BEREA COLLEGE BOWLING GREEN WB AP				. 01	. 04	. 02	01			.08	,06	. 01							. 07							. 12 . 17 . 26 . 7I 1. 88 . 3
ARROLLTON LOCK 1 ENTRAL CITY LINTON ONSTANTINE			.10	.08	03	. 01	. 06	. 20	. 06	. 01			. 03	. 48	01	1.24	. 25	.12	. 08	. 01						. 26 . 7I
CONSTANTINE CORBIN CAA 6			01	01		*			. 01				. 00				*				. 06					. 3
CORBIN CAA 6 COVINGTON W 8 AIRPORT DUNDEE BARRETTS EORD BR	6		17		. 34	. 02							*	*	. 28											.17
ORDS EERRY DAM SO		10 01	. 01	. 37	. 34	.02	. 02	. 18									. 08	.11	. 01	.01						. 34
EST LOCK 3 ALEYS MILL		. 02	. 01	. 01	. 01	. 01	. 08	.02	.01								. 05	. 01								. 03
AZARD EIDELBERG LOCK 14						.18	0.5			. 21								. 03	. 31	. 01					. 01	.17 .36 .34 1.05 .03 .42 .01 .31 .S1
ERNDON ODGENVILLE NAI PARK						.10	.05			. 21								. 03	. 00	1.66	.26				. 43	
ERNOON ODGENVILLE NAT PARK ENKINS ENTUCKY DAM EXINGTON WB AIRPORT							. 06	.01							1.02	. 07	. 09									1.18
ITTLE RICKMAN LOCK 8							. 03	. 03							. 01			10	. 11	. 01						. 15
LEXINGTON WE AIRPORT LIBERTY LITTLE HICKMAN LOCK 8 COGLICK 1 S COMDON 3 SW COULSA LOCK 3 COULSA LOCK 3 COULSA LOCK 3 COULSA LOCK 3 COULSY LLLE BOWMAN ELD COULSY LLLE STAN W B AP COULSY LLLE STAN W B AP COULSY LLLE STAN W B AP COULSY LLLE STAN W B AP COULSY LLLE STAN W B AP COULSY LLLE STAN W B AP COULSY LLE STAN W B AP COULSY LLE STAN W B AP COULSY LLE STAN W B AP			03						. 01		83	.01						10								. 04
OUISVILLE BOWMAN ELD OUISVILLE STAN W B AP					.08 .16 .14 .04				. 02																	.10
OUISVILLE WB CITY UCAS			0.5	. 01	. 14	.08		. 13										. 06	. 03							.07 .07 .1S .10 .04 .84 .10 .16 .14 .09 .46 .09
INDICAS NOVILLE 1 SE HIDDLESBORO RR STA HUNFORDVILLE		.18	. 02	.01	01	. 01	. 01	. 13	.02									.00	.03							. 09
WENSBORO DAM 46	6	.04	.03	. 02	*	*		. 04	. 01											.38						. 06
ADUCAH SCS NURSERY		.01	. 01	. 02			. 02	. 01								.10	.08	.10	.02	. 38		. 06	.02			. 48
MIKEVILLE KUMSEV LOCK 2 ADJEVILLE WATER WORKS T MARYS COLLEGE ALYERSVILLE		.01	.02			. 01	.01	. 02									. 01		. 60	. 03						. 48 . 09 . 03 . 68
ALYERSVILLE MITHEIELD 4 S MOMERSET HIWAY DEPT							٠	٠						*	. 01				.18		٠		٠	*		
STEARNS					0.9	1.4						.18	.04	.01	. 01											. 28
TOMPKINSVILLE UNIONTOWN DAM 49 TOLF CREEK DAM TOODBURY LOCK 4		.06		.01	.01 .01	.14 .0S		. 07	.06	.01							. 02	. 02								.06 .28 .23 .20 .14 .04
WOLF CREEK DAM WOODBURY LOCK 4			. 02	. 08			. 03	. 01	. 01	. 03																. 04
													-16	th-												
BENTON 1 SW BEREA COLLEGE CENTRAL CITY CORBIN CAA 6			. 01	. 01											. 05											.02
CORBIN CAA 6		l	. 08	.20	. 01				. 01	. 01		.03		*	.10	. 22	. 01				. 10					
AZARD SEIDELBERG LOCK 14 SODGENVILLE NAT PARK		. 01	. 08	.05	.01	. 02	. 01		.01																	.02
JODGENVILLE NAT PARK JIBERTY JITTLE HICKMAN LOCK 8 JONDON 3 SW MIDDLESBORD RR STA MUNDENDVILLE PIKEVILLE ST MARYS COLLEGE SALVERSVILLE STEARNS		. 01	. 03	. 01	-			. 06		. 01	. 01				. 82	. 03	. 01									.14
ONDON 3 SW 11DDLESBORO RR STA				. 02	.11	.01	01	. 02						. 03		. 58	. 02	.01								. 17
UNFORDVILLE PIKEVILLE		.13	.08	. 04	02	. 01				.01	. 01															. 24
ALYERSVILLE STEARNS TATHAM SPRINGS					. 03	. 02										.15	.01	. 01								.17
TATHAM SPRINGS TOMPKINSVILLE TOLF CREEK DAM TOODBURV LOCK 4			0.7						. 02							.08	. 08									.54 .02 .10 .14 .8S .64 .17 .03 .24 .01 .17 .0S .02 .13
WOODBURY LOCK 4		. 01	. 01										3 (7	13												. 02
													-17	th-												10
BENTON 1 SW JENKINS PADUCAR CAA	6					٠	٠	*	*	*	1,68						.18			. S3						.18 1.68
ADDUAR CHA	0												-18	+h-						. 03						
ADDISON DAM 4S ADOLPHUS 1 N			. 08	. 01	. 01		. 01		06	. 01			-18	ın-		0.0	40	.01	. 01	. 01	. 09					1.09
ADOLPHUS 1 N											. 08	. 30				. 20	. 42	.01	. 01	.01	.09					7.09

	A. M. Hour ending												P. M. Hour ending												
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
BARBOURVILLE WATER WKS BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1 CENTRAL CITY CONSTANTINE COMBIN CAA 6 COVINCTON W B AIRPORT 6		. 03	.96	. 01	.01	.06	.13	.01	. 01	.08 .17 .J1	.02	.01	.01	. 28	. 29	. 02	.03	. 15	.04	.06		. 01			.20 .08 .6S .1S 1.03 .28 .39
CONSTANTINE COBBIN CAA 6 COVINGTON W B AIRPORT 6 DAVELLA DUNDEE BARRETTS FORD BR					.01		. 23	.15					*	. 35	. 0	:	* *	.01	* .05	.3S .18 .11	. 01				
DUNDEE BARRETTS FORD BR EDMONTON FLEMINGSBURG POST OFF FDRDS FERRY DAM 50 FRANKLIN WATER WORKS			. 01	1.00	10	.02	. 23	,18	.11		.11	03		. 08	.03	. 43	.07	. 01	. 02	. 01					. 17 . S3 . 67 1. 07 1. 11
GEST LOCK 3	*	*	•		. 40	. 19		. 01	.05	.11	*	.09	.16	.01	.01	.01	. 07	.05	.01	•			•		* .S7 .61 .26 .2S .27 2.0D
HAZARD /// HEIDELBERG LOCK 14 BERNDON BODGENVILLE NAT PARK JENKINS						. 16	. 01		.01	. 01	. 01	.02	.01	.04	.02	. 07	. 76	.01	.01	. 31	.70				.25 .27 2.0D .0S
KENTUCKY DAM LEXINGTON WB AIRPORT	. 78	. 19	. 06	. 05	. 01		.01	.01	.01	. 01	. 01	.07	. 51	. 09 . 82 . S0 . 30	. 33	.02	.03 .01 .01	. 11 . 21 . 01	.03	. 11 . S0	.08				1.09 .8S 2.03 1.S1
LIBERTY LITTLE BICKMAN LOCK 8 LOGICK 1 S LONDON 3 SW LOUISA LOCK 3 LOUISYILLE BOWMAN FLD LOUISYILLE STAN W B AP LOUISYILLE WB CITY								0.4		. 41	. 25	.01		. 30	.6S	. 25	.0S .07	.06			.13	. 02			.0S 1.09 .8S 2.03 1.S1 1.40 .75 .06 .84 1.09 1.1S
LOUISVILLE STAN W B AP LOUISVILLE WB CITY LUCAS						. 02	.05	.02	.19	. 61	.07	.04	_	~	.20	. 10	.01	_	_	_	_	_	_	_	
MADISONVILLE 1 SE MAYSVILLE DAM 33 MC KINNEYSBURG MIDDLESBORG RR STA	ľ	-	-					. 01	.01			.01	.01	. 09	.19	. 48	. 09	. 01	. 03					. 02	. 58 . 31 . 02 . 82 1. 12 . 07 . 14
MOREBEAD STA TEACH COL	.02						.10	.04				. 01		26	.77	.08	.01	. 01							
DADRICAN COC MIDCEDY	,02	.12	. 22	.06	. 03	, 11	. 14	. 01	. 01			. 07	. 32		.01	.01		.02	.18	. 29	. 11				. 40 . SS . 30 . 43
PRIDUCAN SEC MARKET PIKEVILLE RUMSEY LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE SALYERSYILLE SMITDFIELD 4 SMITDFIELD 4 SOMERSET BUWAY DEPT									1.16		. 22	.20	. 32	. 01	.01	.01		. 08	. 09		.05	.04			.40 .SS .30 .43 .S3 .17 1.16 .20 .48 2.06 .20 1.35 1.00
STEARNS TATHAM SPRINGS						. 06	.04	.01			. 51	.06	.01	, 10	.02	.73	. 44 . 64 . 02	.03			. 01				. 48 2.06 .20 1.35
UNIONTOWN DAM 49 '// WOLF CREEK DAM WOODBURY LOCK 4				. 30	. 43	. S0	09	. 01	. 02		. 02	. 52	. 44	.06	.01									. 01	1.00
BARBOURVILLE WATER WKS BAXTER HARLAN WATER WKS									. 03	. 21	.03	-19	th-	•		. 01									. 28 . 10 . 04
BARBOUNVILLE WATER WKS BAXTER HARLAN WATER WKS BEERA COLLEGE COMBIN CAA FLEMINGSBUNG POST OFF FRANKLIN WATER #DRKS GEST LDCK 3 LITTLE HICKMAN LOCK 8 LONDON 3 8 MADISONVILLE 1 SE MC KINNEYSBUNG //		. 01	.01	.03	*	*	*	.08	٠	*	*	٠	*	. 70											. 01
FRANKLIN WATER #DRKS GEST LOCK 3 LITTLE HICKMAN LOCK 8 LONDON 3 SW		. 01	. 01	. 01	. 01		.01	. 02	. 01	.03	.01														.01 .04 .04
LOUISA LOCK 3 MADISONVILLE 1 SE MC KINNEYSBURG MIDDLESBORG RR STA	-	-	-	.01	-	-	-		. 09	. 01	.01	. 01			. 01		. 01								.04
MA DISONVILLE TO SEMENT STANDLESSORO RR STA MOREBEAD STA TEACH COL PIKEVILLE SALVERSVILLE STEARNS		. 01	. 02		.01			. 02	. 04	.02	. 01	. 03	.04	. 01	. 01										.01 .4S .01 .04 .04 .13 .04 .02 .04 .10 .04 .SO .02
STEARNS TOMPKINSVILLE WOLF CREEK DAM WOODBURY LOCK 4	.01	. 01	. 01	.02						. 01	.01	.01													.05
ADDISON DAM 45 //												-24	lth-	-								. 01	.01	. 05	.06
ADDISON DAM 45 BENTON 1 SW BOWLING GREEN WB AP CLINTON CONSTANTINE									. 10	. 10	. 01				10	. 21			.01	. 02	. 01		.04	.05 .02 .03 .01 .03 .01 .01	.06 .17 .03 .61 .03 .02 .12 .08
CONSTANTINE DUNDEE BARRETTS FORD BR FORDS FERRY DAW S9 BALEYS MILL BERNDON LOGLICK 1 S												. 01			.02	. 01					. 06	. 08	. 11	.01	.12
LOGLICK 1 S PADUCAH CAA PADUCAH SCS NURSERY WOODBURY LOCK 4														*	٠	. 01	.01	,01	.18		*		.04	.01 .01	.09
							.02	. 03				-25	5th-	-				1.04	. 10	. 02					.0S 1.16
BARBDURVILLE WATER WKS BAXTER HARLAN WATER WKS BENTDN 1 SW BOWLING GREIN WB AP	.01	01			.01	7 . 23	.01	. 01		. 02	. 01								.10	. 09	.01				.0S 1.16 .35 .06 .39 .06
CENTRAL CITY CONSTANTINE CORBIN CAA 6 DUNDEE BARRESTS FORD BR			. 0	1				. 01		. 01	. 01				*		٠	. 01	.07	. 98	٠	٠		•	.03
ADOLPRUS 1 R BARROURY LLE WATER WKS BARROURY LLE WATER WKS BENTON 1 SW BOOKLING GREIN #B AP CENTRAL CITY CONSTANTINE CUNDER BARRETTS FORD BR FRANKLIN WATER #DRKS HALETS WILL MAZARD MAZER LOCK 14 HERNON					. 16 D2	. 01				. 01			0.3		. 90	, 01		. 42	. 03						.03 .18 .03 .45 .90 .64 1.19 .04
HERNDON JENKINS LEXINGTON WB AIRPORT LIBERTY	. 03	. 0:	L .0	6 .28	. 07	7 . 03	.07	. 03					. 03 1. 00 . 04	.10				. 03							1.19
												T.													

e reference notes following Station Index.

able 4-Continued																									ABTIL	1   9
						A 1	М Ног	ar endi	gai								P	M Hou	endi	ng					7	
Station		181	2	3	4	5	6	7	в	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
OCLICK 1 S ONION 3 SW U(AS 1)DDL-SBOORO RR STA 1)DDL-SBOORO RR STA 1)LLERSSUMG OREHEAD STA TACCH TOL UNFORDYLLA ADU, AH CAA ADU, AH CAA ADU, AH CAA ADU, AH CAA ONIVAR SCS NURSERY OMERSTY HIMAY DEPT TARNS MILLER	6	17 02	* * 04				• 01	61 02 01	04 07 03	01	02	01		05 02 01	05 77 *	02	27	01 00 •	17 05 •	06 07 01	02 01					65 81 11 37 81 03 11 06 07 03 09 08 .23
ODPREINSVILLE OLF CREEK DAM OODBURY LOCK 4			01	01	01		16	04		01		06	-26	th-			.01									. 23
MARDUNYILLE WATER WES ARTER HENLAM WATER WES ORDEIN CAA. MUNDEN HARRETTS FORD HE AZARD DE COCK 14 HE GALERY HARRETTS FORD HE AZARD DOUGH NE CAR. JUNE 18 HE GOLD HE OF THE HE GOLD HE OF THE HE GOLD HE OF THE HE GOLD HE OF THE HE HE OF THE HE HE HE HE HE HE HE HE HE HE HE HE H	6		. 02	٠	.01	01	.01	.08	. 03	.02		_	-20	.01	.02	.01	.01	.08 • 02 64 .01 .01	.06 .01 * .65 .01	.01	02	.03	.02	. 07		07 10 .03 .82 .05 .02 .22 .08 .73 .08 .05 .17 .02 .02 .07 .02
							. 01	. 13				-	-27	th-												.14
ADOLPHUS 1 N AVELLA EXINCTON WH AIRPORT LOUISVILLE STAN W B AP LOUISVILLE WH CTTY HUNDOROVILLE PIKEVILLE SOMERSET HIWAY DEPT					02		. 10	. 02	. 17	. 01	. 05	. 01	. 01	.01	.04	. 13	.01									.18 .05 .10 .05 .18 .03 .03
POMPKINSVILLE										. 09		_	-28	th-												. 09
NDLISON DAM 45 bolphus 1 N BARHOURVILLE MATER WKS BAXTER HARLAN WATER WKS BERTA COLLEGE BOWLING GREFN WH AP "ARROLLTON LOCK 1 "ENTRAL CITY					.09	. 04	01		. 01	. 01	. 01		. 01	. 02	.02	. 05	.06	. 01	. 12 . 01 . 17 . 03 . 25	.16 .05	.01	.06	.10	.04	.06	. 22 1.59 .10 .04 .58 .55 .74 .34 .73 .66 .25
CLINTON CONSTANTINE CORBIN CAA 6 COVINGTON W H AIRPORT OAVELLA DUNDEE BARRETTS FORD HR EDMONTON	6					.01	.01	. 30	08	. 09	. 20	.01	. 63	. 01	. 43	.11 * .06	. 12 * . 12 . 01	.02	*	*	. 11	:	:	:	:	1.11 .40 .80 .10
ELEMINSBURG POST OFF FORDS EERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 BALEYS MILL BAZARD HEIDELBERG LOCK 14													01	.02	. 08	. 08	.02	. 41 10 . 01	.06	.11	. 02		. 04	.09	.04	. 60 . 20 . 33 . 13
RERNDON HODGENVILLE NAT PARK KENTUCKY DAM LEXINGTON WH AIRPORT LIHERTY									26		.11	. 01	. 30	. 40	.96	39 .01	.06 .18 .26 .02	.01 .21 .11 .10	.02 .10 .02 .04	.01	. 05	.01	.01 .02 .08 .14 .11	.01	.01	1.41 .25 .71 .59 .49 .20 .89 .50 07 .23
LITTLE HICKMAN LOCK 8 LOGILCK I S LONDON 3 SW LOWISON 3 SW LOWISYILLE BOWNAN PLD LOUISYILLE BOWNAN PLD LOUISYILLE WB CITY LUCAS LUCAS STAN 4 H AP LUCAS LUCAS STAN 5 LOUISYILLE WB CITY LUCAS SWALLE SE													. 03		0B . 54	.01	17 22 50	05 05 .05	.01	. 02	01	.19				. 58 . 1 10
MAYSYTLLE DAW 33 WK KINNEYSHURG MIDDLESBORD RR STA MILLERSBURG MOREHEAD STA TEACH COL MUNSORDYLLE OWENSBORD DAW 46 PADUCAH 2A PADUCAH SCS NURSERY PIKEVILLE	6													. 28 .04 .01	.17	.61	.01	.02	.07	. 30 . 07 19 02 . 0B	.05 .06 .04 .16 .01	. 09	.02	. 01	.06	.09 .41 .06 1B .4B .84
RUMSEY LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE SALYERSVILLE SWITHFIELD 4 S											05		. 21	.01	.01 .83 .51	.02 .02 .50	06 . 24 . 0B	01 .16 .01	.17	.02	. 07	.01	. 10	0.3		. 25 1.05 1.08 . 35 . 36 . 39 . 36 . 82 . 30 42
SOMERSET RIWAY DEPT STEARNS TATHAM SPRINGS TOMPKINSVILLE UNIONTOIN DAM 49 WOLF CREK DAM MOODHURY LOCK 4											05		. 07	. 54	02	.01	40 .11 .22	.01	.01	.26	02	.05 .08 .01 .01	.04	.03	.08	.30 42 .30 64 1.24 .90
												-	-29	th–								.01	. 04		. 01	. 06
ADDISON DAM 45 SARBOURVILLE WATER MKS		.06		01	01		01	01				. 39	02				.02	.02	.04			.01	.04		.01	. 06

#### HOURLY PRECIPITATION

AUGUST 19

	A M. Hour ending												P. M. Hour ending										7			
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
BAXTER HARLAN WATER WKS		04	. 01			. 01	00		10	.12		08	.05			. 01	. 20	. 24	. 11	. 01	. 01					.7
BEREA COLLEGE CARROLLTON LOCK 1 CORBIN CAA 6			40			, 01	03		. 28	.12					. 28		*				. 08		. 17	. 01		. 7:
COVINGTON W B AIRPORT 6			.02	. 01		2.0	.08	.03	. 12	.01	. 01		. 01	.02												. 2
EDMONTON FLEMINGSBURG POST OFF		01	01			.68	.02	.01					. 13	. 05	02	. S0	.33									. 2
FOROS FERRY OAM SO GEST LOCK 3 HAZARD //		01			.04			01 .01			. 29	. 18							. 0S	. 01	. 60	.08	. 01			.6
HEIDELBERG LOCK 14 HODGENVILLE NAT PARK			. 01	. 01	.02	. 20	.01	.01	. 04	. 04	. 02			. 49	. 03				. 01	.03	. 01 . 1S					.1
JENKINS KENTUCKY OAM LEXINGTON WB AIRPORT														. 40	.00			. 30		.10	. 02					. 3
LIBERTY LOGLICK 1 S		01	01	. 01		. 26	. 01	.01	. 18	.02 .0S	.01					. 04	. 24	. 01	. 01							. 8
LOUISA LOCK 3 LOUISA LOCK 3		01	.01	. 01		.01	01	01	. 01	02						. 62				.10	.02 .01 .02	. 01			. 01	.1
LIBERTY LOGICK S LOGICK S LOGICK S LOGICK S LOGICK S LOGICK S LOUISYLLE BOSHAN FLO LOUISYLLE STAN * B AP LOUISYLLE BC ITY MAYSYLLE DAM 33 MC KINNEYSBURG MIODLESBORD RR STA TRACH COL																	. 01	.01	1.25	. 68	.02					1.9
MADISONVILLE 1 SE MAYSVILLE DAM 33		01																.12	. 03	. 02	. 01			.02		.2
MIODLESBORO RR STA MOREHEAO STA TEACH COL			01	.01			. 03	. 02						.01	.18	.01 .04 .02	. 09 . 0S . 01	. 08	. 04	. 01		. 01			. 01	.2
OWENSBORO DAM 46							. 08	.01		.01	01	.01		.03	.13	. 02			. 04	. 01						.3
PAOUCAR SCS NURSERY PIKEVILLE									.10			.08	. 01	.01	. 03		.19	. 04		. 02	. 08					. 3
SALYERSVILLE // SMITHFIELO 4 S		10	01	. 01		. 01	.07	. 20	. 80	18		01		. 01	.01		. 01			. 07	. 18	. 13				1.3
SOMERSET HIWAY DEPT STEARNS TATHAM SPRINGS				.01	. 04	.12	.01	, 20	.01	.01	.01	.01	.01	, 01	.01	.07	.01	. 01		.01						. 4
TOMPKINSVILLE UNIONTOWN OAM 49		01	. 01 . 01	. 01		. 21	. 64	.01	. 01																	.7
WOLF CREEK OAM WOOOBURY LOCK 4		11			. 01	. 02	. 0.	. 01					20	. 20	. 33	.28	. 02	.01	. 01							. 8
								. 09	. 02	. 03		_	-30	th-												. 1
AOOISON DAM 45 // ADOLPHUS 1 N // BARBOURVILLE WATER WKS			. 04	. 01	. 01	.01	. 01	.07	.02	. 03									. 07	. 01						. 1
BAXTER HARLAN WATER WKS BENTON 1 SW						24	0.4	. 03	. 01		02	. 01	12	. 03			. 01	. 01	. 04	.0S	. 04	. 07	.04	.02	. 01	.2
BAXTER HARLAN WATER WKS BENTON 1 SW BEREA COLLEGE 90%LING GREEN WB AP CARROLLTON LOCK 1 //					. 01	.08 .05	04 01 01 . 01	. 03	01		. 01	.01	. 01			. 01	.01									.1
CENTRAL CITY CLINTON CONSTANTINE							.01	.02	03			. 01	. 01	.02	.01											.0
CORBIN CAA 6 COVINGTON W B AIRPORT 6				*	*	:	*	*	.03 .10 .01	:	:	:	*	*	.13		*		,01	*	. 06	.12	.08	*		,
OAVELLA EOMONION FLEMINGSBURG POST OFF						. 01	. 02	. 04	.03	. 02	. 01			.01		. 03	. 02	.01	.01	. 48	.08				. 01	.1
FORDS FERRY OAM 50 FRANKLIN WATER WORKS			. 01	.18	. 04	. 08	.72	.13	. 01	. 01		0.0				. 01	. 03						. 01			1.1
GEST LOCK 3 RAZARO BEIDELBERG LOCK 14			. 01	.01	. 06	.12	.01	.04	.01	.01	.03	.06	, 01	. 44	. 02	.01	. 03		. 27	.04	.10	. 01	. 01			. 5
HERNDON HODGENVILLE NAT PARK				.01	.01	. 02		10		.01	. 20				. 02	. 01	. 18	.01		.08						
JENKINS KENTUCKY DAM LEXINGTON WB AIRPORT				.12	. 30		. 02	. 03 S0	. 08	.08					.19				. 01	. 01			. 01			.4
LIBERTY									. 01	. 01	.01		. 19	. 06		. 08	. 46	, 01	.01 .01	. 01		.01	.04	.04		1.0
LOGLICK 1 S LONDON 3 SW LOUISA LOCK 3					. 01	. 01	. 08	.01	.04	. 01	. 01		. 15	.06		.00	. 40	. 04	. 30		. 11	.06		.11	. 01	
LOUISVILLE BOWMAN FLD LOUISVILLE STAN # B AP LOUISVILLE #B CITY		. 01				. 01	.01	.02	.01	.01	.11								. 01	. 01						1
LOUISVILLE WB CITY WADISONVILLE 1 SE WAYSVILLE DAW 33			. 02			. 01	.01	0.1		.02	. 02	.01		.01	. 02	. 02	.01	.02	. 07	. 01						
MAYSVILLE DAM 33 MC KINNEYSBURG WIOOLESBORO RR STA			. 01		. 02	. 03	. 01	. 01			.02						. 03	. 01	. 01							1
MILLERSBURG MOREREAO STA TEACH COL MUNFORDVILLE						. 04	17		. 08			. 03	.02	. 20		. 01	.18									1
MUNFORDVILLE OWENSBORO OAM 46 PAOUCAH CAA PAOUCAH SCS NURSERY						*	. S7	. 70	.13	. 01	. 01	.02														1.
PAOUCAH SCS NURSERY PIKEVILLE		. 05	. 01	.04	46	. 23	. 24	. 09	. 13	. 01		. 01	. 01		. 18	. 09			٠		*			*	•	
PAROUARE SES NORSENT PIKEVILLE RUMSEY LOCK 2 SAOIEVILLE WATER WORKS ST MARYS COLLEGE SALYERSVILLE					. 02	. 01			.01			. 19	. 20	.15				. 02	. 01		. 06	. 17				
SALYERSVILLE SMITRFIELD 4 S SOMERSET HIWAY OEPT		. 01	. 01	. 10	. 01		. 01			.03	. 16			.01		. 02			.32	.04						1.
SOMERSET HIWAY OEPT STEARNS TATHAM SPRINGS TOMPKINSVILLE			, 15	.10	.0.		.01	.02	.02	.01	.01		. 03	.03	.01		. 02	. 06	.02							-
TOMPKINSVILLE UNIONTOWN OAM 49 WOLF CREEK OAM				. 01	. 23	.04	. 04	.01	. 01	.01	. 01 . 0S	.04	. 01	. 01	. 01	. 09				.11	. 01					
WOLF CREEK OAM WOOOBURY LOCK 4				. 01	01	. 01							-3	lst-												
AOOISON OAM 45 // AOOLPHUS 1 N //								.04	.16	.10	0 .08	.06	17	. 24		. 40		.05	. 04	. 01	.12					1.
AOOLPHUS 1 N BENTON 1 SW		. 01	. 01	.01	. 01	. 01	03	.02		. 02		.04 .60	. 31	.36		. 25				0.7						2.
ACOLPHUS 1 N BENTON 1 SW BEREA COLLEGE BOWLING GRE N WB AP CARROLLTON LOCK 1 CENTRAL CITY								.02		.15	. 17	.18	. 20	0 .01	.01	. 01	.01	. 13	. 01	. 07						1.
CENTRAL CITY CLINTON		.02	. 01	. 04	. 07	. 04	. 01	.05	0.4	. 06	2 .23 5 * 6 .03	*			06	.01		*		.01	*				1. \$1	1.
CONSTANTINE CORBIN CAA 6 COVINGTON # B AIRPORT 6			. 04						. 04	*	:	:	:	1	.06	. 02					. 03					
DAVELLA DUNDIE BARRETTS FORO OR									06	. 06	.09	. 24	.36	. 32	. 39	. 10	.13	. 02	. 01							1.
	TINE .04 .06 .03 .13 .07 .31																									

re reference notes following Station Index.

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A M Hour ending

URLY	PRECIPITATION		KINT
ending		P M How enling	

Station																									- 8
Julion	X	2	3	4	5	6	7	8	9	10	-11	12	1	ž.	3	4	8	6	7		9	10	-0.	12	{
DMONTON POROS FERRY DAM 50 RANKLIN WATER WORKS BOST LOVES \$ 1 LEVES MILL. \$ AZARO					01	01	01 15	0 a 21 15 01 05	05 93 33 03 14 01	02 06 30 06 41 01	91 46 04 40 01	39 26 01 77	18 19 45	01 8 18	59 02 02	04 05 36	01	01 01 01			001				19 2 26 2 16 16 2 51 03
IFTOFLIBERG LOCK 14 IFRNDON IDDGENVILLE NAT PARK IERNXINS					0.1	0.1	*0.1	07	01 17	01 48 10	30 08	76 03	39	01 01	0.1	0.1	02 02		01					100	(12 (14 (12
KENTUCKY DAM EXINGTON WB AIRPORT IBERTY						10	0.0	18 01 01	55 02 01	07 08 04	40 07 05	67	50	10				07	* 01						2 B0 17 15
ITTLE RICKMAN LOCK 8 ONDON 3 SW OUISA LOCK 3 OUISVILLE BOWMAN FLD OUISVILLE STAN W B AP OUISVILLE WB CITY	n,x	(0)				02		01	05 05 09 05	01 10 10 07	03 02 .03	01 04 04 05	07 01 01 01	01	02			01							08 13 26 28 21
LUCAS (ADISONVILLE 1 SE (C KINNEYSBURG (IDDLESBORO RR STA		02	٠	*			33	11	05	13	38	29 03	69	48 01	19	07	.03	.12	.01	٠					2.88 12 05 14
CILLERSBURG MORRHEAD STA TEACR COL MUNFORIWILLE DILIVE RILL I NW DWENSBORD DAM 46			-	•	-	-	05	05	10	13	06 - . 21	. 23	. 29	.01	50	. 19	06	14	.01						. 23 40 2 09
PADUCAE CAA PADUCAE CAA PADUCAE SCS NURSERY PIKYVILLE RIMSEY LOCK 2		•		.01	01	02	06 05 *	14	06	.09	.30	.41	38 . 20	. 23	. 27	15	.05	.02	.70					14	1.99 .69 3.15
SADIEVILLE WATER WORKS ST WARYS COLLEGE SALYFRSVILLE SMITHFIELD 4 S							01	.06 08 01 03	05 04 .02 .05	07 09	.03 .04 .04	.03	04 .01			.01	.02 .01 .01	01						19.0	29 17 26 20
SOMERSET RIWAY DEPT STEARNS EATHAN SPRINGS TOMPKINSVILLE UNIONTOWN DAM 49				01	01	. 01	.02	. 01	.03	.02 .03 .01	.04		.02	.18	.01	, 17	. 01				.01	.01			.11 .09 .17 1.75
KOLF CRIEK DAN KOODBURY LOCK 4						. 01	.02	. 06	.08	. 07	. 36	. 33	. 40	. 20	,10	. 21	. 01		02						2.08

ANCHORAGE

REAVER DAM

ASHLAND DAM 2

BEREA COLLEGE

BURGIN DIX DAM

CAMPBELLSVILLE

CARROLLTON

CORBIN CAA

DANVILLE

FARMERS

BOWLING GREEN WE AP

COVINGTON W B AIRPORT

PORDS FERRY DAM 50

FRANKFORT LOCK 4

GREENSBURG

GREENVILLE 2 W

HENDERSON 4 SW

HOPKINSVILLE 2 E

LEXINGTON WE AIRPORT

LOUISVILLE STAN W B AP

LOUISVILLE WB CITY

MADISONVILLE 1 SE

MAMMOTH CAVE PARK

WANCHESTER

WAYFIELD 2 S

MIDDLESBORO

MOUNT STERLING

MURRAY

OWENSBORO

PADUCAH CAA

MAYSVILLE DAM 33

MILLERSBURG MLTRY INST

LOVELACEVILLE

HICKMAN

IRVINGTON

LEITCHFIELD

BEIDRIBERG LOCK 14

HINDMAN SETTLEMENT SCH

Station

1 2 3 4

MAX 90 84 76 81 MIN 71 67 50 50

MAX 90 85 76 78 MIN 72 70 61 54

MAX 92 86 77 79 MIN 72 70 54 53 MAX 89 89 83 MIN 64, 66 61

MAX 89 83 75 78 MIN 70 88 56 50

MAX 89 80 76 79 MIN 71 65 55 54

MAX 90 89 80 80 MIN 70 68 54 51

MAX 89 84 76 80 MIN 69 69 52 51

MAX MIN 71 64 52 53

MAX 86 82 75 79 MIN 70 59 52 51

MAX 76 89 78 74 MIN 70 68 54 52

MAX 91 91 79 78 MIN 66 65 52 47

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				_	,					Day	of mo	nth					,		,			,					Average
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84 60	85 53	87 54	84 59	76 65	82 67	81 60	80 60	81 59	85 55	82 66	89 68	90 63	77 66	76 62	76 58	76 46	79 47	82 49	86 52	82 61	85 63	84 68	87 66	80 67	78 68	76 68	82.0 60.3
79 59	8 0 58	82 57	85 57	89 61	85 66	87 65	82 63	82 57	85 52	84 67	87 67	90 67	93 68	79 69	82 59	77 49	78 54	87 55	89 58	91 63	91 64	88 67	85 67	79 68	86 68	81 69	84.3 62.3
83 61	82 57	86 55	86 57	81 66	8 6 66	89 63	85 62	82 67	82 64	87 68	87 68	89 64	83 68	80 64	77 59	78 48	79 49	85 49	87 54	81 66	81 63	89	91 67	82 65	83 68	76 69	83.6 62.0
77 50	75 48	78 49	83 52	85 56	84 61	82 60	82 57	80 56	82 54	83 57	84 65	87 58	90 61	88 68	92 60	80 55	76 50	79 54	84 56	89 60	91 60	88 62	91 68	88 63	85 64	87 68	84.1 58.5
80 59	82 54	84 54	84 56	79 56	83 67	84 67	81 61	81 67	85 60	84 68	85 68	88 62	84 66	77 65	82 58	79 47	80 47	82 50	86 54	81 62	87 62	85 60	86 70	81 66	77 68	79 68	82.3 60.8
84 58	84 57	86 55	86 57	77 65	86 64	89 62	86 65	80 65	81 63	83 67	88 67	89 66	79 69	79 62	78 56	78 53	80 50	84 49	86 54	78 65	82 64	87 69	90	81 65	79 68	79 70	82.7 61.8
82 60	83 54	86 53	85 57	85 65	85 61	85 64	82 61	83 62	86 55	8 6 58	88 67	90 64	90 65	78 65	78 57	76 48	79 49	83 52	87 53	87 60	89 61	86 66	89 65	86 66	78 68	78 67	84.2 60.2
81 58	82 53	85 54	85 57	79 61	86 64	86 62	84 61	84 63	83 59	84 66	88 65	90 62	85 65	77 64	74 55	78 50	79 47	83 49	87 53	83 63	85 62	85 66	88 67	80 64	81	79 67	82.9 60.2
62	53	56	59	65	68	60	59	56	55	66	68	66	66	66	60	49	49	51	53	59	62	63	65	68		68	60.4
79 53	78 50	81 50	83 52	77 58	82 63	83 60	80 60	81 59	84 55	83 65	84 62	87 60	82 65	75 60	78 55	76 49	77 49	82 50	85 53	87 60	86	82 63	85 66	77 66	85 67	83 68	81.2 58.6
82 57	84 56	86 55	84 62	75 65	84 66	80 61	76 58	79 55	83 56	82 66	91 65	92 67	73 66	77 61	72 52	73 45	76 48	80 51	86 54	87 61	87 64	84 67	86 66	78 68	78 68	73 67	81.0 59.9
80 57	82 55	82 55	86 58	84 65	77 63	82 64	85 83	81 62	82 55	85 55	85 68	87 64	90 66	79 64	77 59	73 49	77 49	80 51	83 55	86 61	84 61	87 65	85 68	88	79 68	82 67	82.1 60.5
79 55	80 49	83 48	84 57	85 57	85 60	84 58	80 55	77 55	85 46	84 61	88 61	88 58	89 58	78 63	77 53	76 42	80	83	86	87 53	85 55	85 59	82 58	82 60	76 61	77 61	82.7 55.1
82 62	82 61	85 60	80 62	77 67	85 68	86 63	83 66	75 67	82 68	82 68	87 64	89 66	80 68	80 65	72 60	70 51	78 53	83 55	82 62	85 65	82 65	89	85 67	79 66	87 67	78 68	81.8 63.7
84 57	84 55	85 55	88 57	85 60	76 65	88 62	84	79 61	80 55	87 56	87 68	92 65	91 65	76 66	81 58	77 48	77 48	81	84	87 54	86	87	85 65	87	80 68	77 68	83.4 59.7
78 55	81 56	82 57	85 57	86	76 65	83	85 64	81 65	81	81	84 67	85 65	88	80	77 59	73 52	78 49	79 53	82 55	85 60	82 63	84 63	84 68	86 66	79 66	79 69	81.3 61.4
82 58	82 58	84 54	85 56	81 66	84 66	86 62	86	79 65	81 65	86	85 68	90 63	82 67	79 63	77 58	76 48	79 49	84 50	85 56	81 65	0.5	88	88 67	82 63	82 68	75 68	82.5 61.4
79 57	81 52	81 52	83 57	81	82 64	85 65	80	79 63	83 54	84	84	88 66	84 67	78 67	74 57	75 52	78 50	82 52	86 55	86	85 61	82	85 65	79	79	79 62	81.7 60.5
83 62	83 56	84 55	80 58	79 66	85 65	88 60	84 61	73 65	79 65	88	88	88 63	82 66	82 64	75 63	78 48	80	85 49	84 61	85 64	83 63	89	87 66	79 65	83 68	76 70	82.6 61.8
02	36	55	36	00	65	60	01	03	63	0-2	00	63	66	04	63	20	84	86	80	82 66	78 67	91	90	85 68	82 69	78 69	61.8
78 55	80 53	81 52	82 54	83 55	84	82	83 62	81	81 52	83	83	85	87	89 65	77 62	77 57	76 54	79	84	88	86	86	83	84	80	86	82,3 59.6
80 59	82 57	84	85 58	79 66	81	85 64	84 65	79 69	80 67	84	86	85 65	87 69	81 69	76 65	76 54	78 52	81 54	84	78 64	80	90 66	88	83 64	80 69	75 70	81.8 63.6
84	84	86	85	80	81	88	82	81	82 60	86	88 71	89	79 69	77	76 59	76 48	78 49	81 50	85 54	83	83 64	84	88	80	81	75 69	82.3 62.0
61 84	55 85	55 85 55	59 85	66 76	82	63 87	82	79	81	63 86	88	88	80	77	77 62	76 50	79 50	82 52	85 55	81	82	68 85	86	89	81	76 69	82.2 61.9
58 80	55 81	85	56 85	63 74 66	63 84 65	61 83 62	62 78	82 80	85 57	68 84	89	90	69 77	78	74 54	75 49	79 49	52 82 56	55 86 59	65 86	86	67 85	88	80	68 77	69 77 68	61.9 81.8 61.5
61 84	56 83	56 89	61 87	78	86	83	61 81	62 82	85	68 88	67 92	64 92	80	61 82	75 54	78 50	49 81 49	83	59 87 55	64 85	63 86	86	89	67 81 67	68 81 68	68 77 69	61.5 83.8 62.4
63 80	58 81	58 83	64 83	66 76	69 82	65 79	63 78	62 81	60 82	68 84	69 89 73	90 72	77	63 79	72	76 55	77	51 80	84	65 82	63 82 65	83	68 86	80	79 69	76 71	80.8
65 84 61	62 83	62 85 57	67 78 60	67 72 68	68 85 67	66 87 61	64 85	63 76 69	64 86 68	71 87	73 83 65	87 67	69 79	67 81	59 75 59	55 75 49	56 81 48	57 83 53	60 76 64	88	82	68 88	68 84 67	67 84	83	75	65.1 81.9 63.2
84	60 84	85	83 57	82	85	88	66 84	79	81	68 89	89	90	68 86	62 80	59 77 60	78 48	80	53 85 50	64 84 57	81	80	65 90	87	67 80 65	69 82 68	69 83 69	83.8 82.1
59 81	56 81	56 82	57 83 53	66	68 84 51	86	65 82	65 82	66 81 59	67 84	86	87	68 83	78	75 54	48 75 47	50 78 45	80	84	83	62 82	66 85 55	85	65 79 63	68 79 65	69 79 56	82.1 81.7 55.7
55 82	41 84 54	51 84 56		65 85	84	50 83	83	53 85 63	59 85 59	65 86	67 89	50 92 63	56 88	64 80	54 79 64	47 79 57	45 81 54	46 86 54	49 89 59	90 58	61 87	55 85 64	90	63 81 67	86	86	55.7 84.5 81.4
57 84	83	89	86 56 84	59 79	63 84	62 91	63 8.6	79	88	68 89	68 87	88	65 84	68 81				82		80	60 82	88	65 85		66 81 69	66 76	81.4 83.1 61.8
59 78	60 79	58	60 82	64	65	61	64 80	66 78	66 78	65	61	87	66	61 78	78 57	77 48	79 47	55 76	78 64 81	63 84	66 88	86	83	83 66 87	78	73	61.8 80.8 57.8
51	55	55	55 85	55	61	60 85	56	57 84	55	55	60	60 90	64	66	57	49	49	49	53	57	59 85	83	65 87	65 83	65 85	80	
54 80	53	54 84	57	60	64	63	62	64	59 85	68	68	65	87 64 89	81 68 88	81 59	78 58	80 54 78	85 55	58	59	61	65	63 87	65 84	67	67	83.7 61.5 83.9
61	52	53	54 85	63	65 83	60	58	52 81	53	66	65	62	64	65	79 56	45	46	49	51	59	61	60	82	65	79 86	66 78	83.9 58.5
82 81	84 58	85 56	85 56	84 68	83 64	85 64	60	61	56	68	91 65	64	65	65	58	49	49	51	56	61	60	65	67	65	71 65	65	83.2 60.8

88 80 76 77 79 84 77 80 81 90 88 81 83 75 83.4 69 66 60 54 49 52 63 66 64 67 88 66 70 68 63.4

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82 90 85 83 82 77 84.2 65 87 69 66 69 70 62.8

See reference notes following Station Index

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MAX 90 85 78 80 83 84 85 78 71 85 88 85 76 87 86 88 85 76 87 86 85 89 78 80 74 74 79 83 72 80 83 87 83 83 84 73 81.5 MIN 69 81 55 58 63 61 60 63 68 87 64 86 68 68 67 63 68 68 62 55 50 51 54 65 64 65 67 66 67 68 68 63.1

DAILY	TEMPER	RATURES	
DANALL	T TITLET TIT	TIT OTTEN	

AUGUST 195

																Day	of mo	ath															900
Station		1	2	3	4	<i>B</i> .	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Ø	41	22	23	24	25	26	22	28	29	30	31	Avec
PAOUCAH	MAK	91	70	85 55	85 58	80	85 58	85 57	81 62	78 84	74 68	88 63	89 66	86 70	76 70	85 68	88 65	85 87	88	80 83	82 61	74 50	75 50	78 53	68 54	74 86	82 66	83 62	88	85 67	8 6 68	85 70	82 8 82 6
PIKEVILLE	MAX			78 68			80		88 59	86 64	84 68	78 85	80 84	82 64	82 58	85 87	87 68	81 88	81 88	85 88	81 88	80 58	81 60	88 80	80 83	80 62	88 67	87 86	87 87	81 88	87 88	78 89	84 4 64 5
PRINCETON	MAX			73 54							81 88	8 2 63	82 87	75 68	81 68	81 87	88 87	85 85	78 87	78 65	74 80	77 50	78 50	85 51	78 80	80 82	78 62	00 81	87 68	83 88	84 70	76 67	81 0 62 6
RICHMONO TEACHERS COL	MAX			76 54	72 52	76 58	78 54	79 53	83 54	84 58	78 83	82 65	83 81	78 62	78 55	84	85 87	64 82	88 68	83 85	78 58	73 50	73 48	77 50	80 55	66 80	87 81	8 6 8 5	82 68	88 85	80 87	79 67	80.8 80.2
RUSSELI-VILLE	MAX	82 74	85 70	76 58	80 55	83 59	85 59	85 57	88 58	80 67	84 86	90 65	85 88	80 68	81 86	83 87	87 88	89 85	83 71	78 68	77 60	78 54	78 53	8.5 53	8 5 58	80 67	80 68	88 70	88 88	84 88	60 70	77 70	83.1 83.8
ST JOHN BETHLEHEN ACAD	MAX	76 68	89 68	82 53	74 54	77 59	80 55	79 54	83 57	83 62	75 85	82 61	84 82	79 62	79 60	81 82	84 68	88 64	87 68	79 64	76 56	74 50	74 47	77 48	61 51	84 60	82 82	83 61	84 84	85 85	78 68	78 68	80.5 80.2
SCOTTSVILLE	MAX	93 70	86 85	79 49	80 48	84 56	83 56	85 50	88 52	88 65	86 64	88 60	86 61	83 60	80 59	82 65	88 63	88 59	88 86	81 63	76 53	78 49	82 45	84 48	67 58	81 84	83 61	88 84	88 64	83 82	80 65	83 66	84.1 58.8
SHELBYVILLE 2 W	MAX	88 71	84 88	80 51	80 51	81 62	83 56	85 55	85 60	78 66	85 65	86 61	79 59	82 60	84 55	85 67	89 67	90 64	84 87	78 85	75 59	76 47	78 48	82 51	85 54	88 61	66 81	84 87	87 68	8 0 87	78 88	76 88	82.8 80.8
BOMERSET 1 N	MAX	89 89	88 67	75 58	77 51	79 57	8 0 57	83 52	84 54	81 63	85 64	83 62	81 60	83 64	84 58	83 66	88 67	87 60	85 66	79 66	77 56	77 52	79 47	82 49	86 53	85 81	83 61	82 65	83 68	77 68	83 67	80 88	82.1 80.4
JEST LIBERTY WATER WKS	MAX	80 66	81 67	75 60	76	80	80	84	83	83	85		82 68	81	80	82	83 68	86 69	91 69	91 70	83 52	79 49					80 62				83 67		83 4
ILLIAMSBURG	MAX	89 69	83 69	77 61	77 53	8 0 54	79 53	82 54	85 56	83 66	83 63	85 63	82 63	83 55	83 59	85 67	86 67	89 64	86 62	76 66	78 60	76 56	78 53	81 54	87 58	87 61	87 62	84 71	87 68	80 66	85 61	83 68	82.8 81.3
FILLIAMSTOWN	MAX					77 61		83 60	86 63	79 63	81 65	76 61	76 59	78 57	80 55	81 68	85 68	90 68	80 67	75 65	74 59	71 50	77 54	82 55	85 58	86 63	86 62	85 67	90 68	82 67	78 87	75 68	80.8 82.1
FOLF CREEK DAM																																	85.0

1.6

## EVAPORATION AND WIND

Station																	Day o	of mo	nth														
Staton		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
BURGIN DIX DAM	EVAP	. 13	. 20	.11	. 14	.16	.19	.21	.16	. 16	. 06	.13	.18	.13	. 20	.14	.12	.12	.19	. 10	.12	. 06	. 15	. 18	. 16	.14	.11	. 16	.08	. 20	.07	. 24	4.51
WOLF CREEK DAM	EVAP		. 32	.17	13	.20	.19	.19 5	.20	. 20	.15	:	.28 10	:	*	. 41 10	.22	.11	.19	.14	. 13	. 14	.16	.17	. 13		. 05			. 25	.08	.08	4.84 171

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Station	Index No.	County	Drainage ;	Latitude	Longitude	Elevation	vati tim	on	Refer to tables		Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	va	Observer	Refer to tables
PODISON DAM 45 ACCLPHUS 1 N ALLEN ANCHORAGE ASRCAMP	0043 0095 0155	BRECEINRIDGE ALLEN FLOYD JEFFERSON PIKE	1 7	37 55 36 39 37 85 38 16 37 16	86 34 86 16 82 43 85 33 82 26	600 650 700	7P	6A CORPS OF ENGINEERS 7A IDELL M OEARING 8A NANNIE AUXIER 7P C E BARRET 8A MARY S RATLIFF	3 4 3 4 3 2 3 8 3		LOGLICE 1 S LONDON 3 SW LOUISA LOCE 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN WB AP	4893	CLARE LAUREL LAWRENCE JEPPERSON JEFFERSON	1 7	37 S1 37 06 38 07 38 13 38 11	84 02 84 06 82 37 85 40 85 44	558		MID MRS B BURGHER MID U S FOREST SERVICE 7A RUSERS SEE MID US ENGINEERS MID US WEATHER BUREAU	3 4 3 4 3 4 3 4 2 3 4 5
ASBLAND DAM 29 BARBOURVILLE WATER WES BARDSTOWN BAXTER HARLAN WATER WKS BEAVER DAM	0381 0389 0450 0490	OHIO	3	38 27 36 52 37 48 36 51 37 25	86 52	637 441		7A CORPS OF ENGINEERS ID JOHN R WHARTON 7A MRS POPE SISCO ID CYRUS S LAYSON 6P E G YOUNG	2 3 5 7 3 4 3 4 2 3 5 7	7	LOUISVILLE UPPER GAGE LOUISVILLE WB CITY LOVELACEVILLE LUCAS WADISONVILLE 1 SE	4956 4967 5002	JEFFERSON JEFFERSON BALLARD BARREN HOPEINS	6	38 17 38 15 36 58 36 53 37 19	85 48 85 48 88 50 86 D2 87 29	37D	MID 6P	SA US ENGINEERS WIO US WEATHER HUREAU GP BLAINE MALONE WIO CECIL B BRITT 7A J W MC COY	3 2 3 4 5 2 3 5 3 4 2 3 4 5
BENHAM BENTON DEREA COLLEGE BEREA WATER WORKS BOSTON 2 SW	0611 0619 0624 0874	RARLAN MARSHALL MADISON MADISON NELSON	4	36 58 36 51 37 34 37 34 37 46	82 57 88 21 84 18 84 16 85 42	380 1070 1100	8A 6P	8A C C WRITEAKER 1D WILLIAM MELSON 6P JAMES A GROSSMAN 7A MRS L B GAFFARD 8A MRS PAULENE COY	2 3 5 7 3 4 2 3 4 5 3	7	MANOSOTE CAVE PARK MANCHESTER MAYPIELO SUBSTA MAYPIELO 2 S MAYSVILLE DAM 33	5110	EDMONSON CLAY GRAVES GRAVES MASON	6 6	36 44 36 42	86 06 83 46 88 39 88 38 83 42	364	SP SP SA	7A EARL HONARD TVA SP MRB JOE PATHE	2 S 5 2 3 8 3 2 3 5 2 3 4 5
BOWLING GREEN SUBSTA BOWLING GREEN WB AP BOWLING GREEN WB AP BREAT OAM 36 BROWNSVILLE LOCK 6	09D7 0909 0978 1046	WARREN WARREN WARREN CAMPBELL EOMONSON	3 7 3	37 00 37 01 36 58 39 03 37 12		470 535 489 410	W1D	7A JAMES R EDWARDS TVA ID US NEATIGER BUREAU 7A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS	3 3 2 3 4 5 7 3 3	7	MC EINNETSBURG MIDDLESBORO MIDDLESBORO RR STA MIDDLESBURG MILLERSBURG	5389 5394 5407	PENDLETON BELL BELL NOCOFORD BOURBON	2 2	38 36 36 37 36 37 38 07 38 18	84 16 83 43 83 43 84 42 84 08	1128	5P	MID AMANDA A AULICE MID BUGH ALLEN MIO FRANK M TALIAFERRO 59 JOHN B NDCENT 8A W T ALEXANDEB	3 4 2 3 5 3 4 3 3
BURGIN OIX OAM BURNSIDE CADIZ LOCE E CAMPBELLSVILLE CARROLLTON LOCK 1	1156 1206 1256 1345	MERCER PULASKI TRIGG TAYLOR CARROLL	2 3 4	37 48 36 59 36 46 37 20 38 41	84 43 84 37 87 58 85 21 85 11	777 480	6P	8A C W WILLIAMS 7A SARAN E LEWIS 7A CORPS OF ENGINEERS 6P ALVA MC KINLEY 7A CORPS OF ENGINEERB	2 3 5 6 3 3 2 3 5 3 4		MILLERSTOWN MONTICELLO MOREREAD STATE COLLEGE MOUNT STERLING MUNFORD VILLE	5524 5555 5640 5684	MONTGOMERY HART	5 5	37 27 36 50 38 11 38 03 37 16	86 03 84 51 83 26 83 57 85 53	580 91D 770 930 600	5P	7A MRS O M LAWLER 7A B O COOPER MID H C MAGGAN 5P FRED CARTWILL 7A HUBERT E MODGES	3 3 3 4 2 3 5 3 4
CENTRAL CITY WATER WAS CLINTON COLLEGE HILL LOCK 11 COLUMBIA CONSTANTINE	1631 1704 1722 1763	MUSHLENBERG NICEMAN MADISON ADAIR BRECKINRIDGE	6 4 3 3		87 07 89 00 84 06 85 18 86 14	729 800		ID WILLIAM A DATES 10 WOODSON O FRANKLIN 7A CORPS OF ENGINEERS 7A MRS RAZEL 8 PICKETT ID WRS GLENNIE L SHARP	3 4		NURRAY OLIVE NILL I NW OLNEY ONEONTA DAM 35 OWENSBORO	6012 6020 6033 6081	CALLOWAY CARTER BOPKINS CAMPBELL OAVIESS	7 7 7	36 36 38 18 37 13 38 58 37 46	88 20 83 11 87 47 84 18 87 09	497		MID LOTTA ORA HOOPER SA ART D WILLIAMS GA CORPS OF ENGINEERS TA VIRGIL P CLARK	2 3 5 3 4 3 3 2 3 5
CORBIN CAA CORBIN WATER WORKS COVINGTON WB AIRPORT CYMTHIANA DANVILLE	1806 1855 1998 2040	WHITLEY WNITLEY KENTON HARRISON BOYLE	2 7 5 4	36 58 36 57 39 04 38 23 37 39	84 08 84 06 84 40 84 18 84 46	1070	MIO 7A	ID CAA 7A CORSIN WATER WORKS ID US WEATHER BUREAU 7A MARSHALL RILL 7A R P COLDIRON	2 3 4 5 7 3 2 3 4 5 7 3 2 3 5 7	7	OWENSBORO OAM 46 PADUCAB PADUCAN SCS NURSERY PAODCAN CAA AP PAINTSVILLE	6115 6117 6110 6136	OAVIESS MC CRACKEN MC CRACKEN MC CRACKEN JOHNSON	7 7 7 1	37 04 37 49	87 08 88 37 88 35 88 46 82 48	404 340 410 620	MID	7A CORPS OF ENGINEERS 6A WESTERN P LACKEY MIO SOIL CONSERV SERV MID U S CIVIL AERO ACM 7A JESSE FAIRCHILO	3 4 2 3 5 3 4 2 3 4 5 3
OAVELLA OELPHIA 1 E DEMA OUNDEE BARRETTS FORD BR OUNMOR	2132 2139 2358 2366	MUNLENSERG	3 3	37 48 37 02 37 25 37 33 37 05	82 32 83 07 82 48 86 43 87 00	1780 850 430 610		IO BERTHA OE LONG 5P RALPN R BEALL BA MATTIE B BARNET 7A J L HUFF 7A N O GIVENS	3 4 3 3 3 4 3 4		PINEVILLE PINEVILLE PLEASUREVILLE 2 S PRINCETON RAVENNA LOCK 12	6384 6435 6575 6679	PIKE SELL SHELBY CALOWELL ESTILL	4 2 4	17 29 16 45 18 20 17 06 17 40	82 31 83 42 85 07 87 53 83 57	686 999 882 529 6S1	5P	SP US WEATHER BUREAU 7A F PARTIN 6A B MORGAN SP ALTON M HARVILL 7A CORPS OF ENGINEERS	2 3 4 5 3 3 2 3 5 3
DUNNVILLE EDGYVILLE LOCK P EDMONTON ELIZABETHTOWN FALMOUTH	2445 2469 2510 2775	CASEY LYON METCALFE HARDIN PENGLETON	3 3 5	37 13 37 03 37 00 37 42 38 40	84 58 88 05 85 37 85 52 84 20	600		TA LINNIE O TARTER TA CORPS OF ENGINEERS TA JOEN E MORAN TA ROBERT E SETTLE BA JESSIE OLOHAM	3 3 3 4 3 3		RICHMOND E STATE COL, RUMSEY LOCK 2 RUSSELLVILLE RUSSELLVILLE SUBSTA SADIEVILLE WATER NORKS	7039 7049 7054 7074		3 3	87 44 87 32 86 51 86 50 88 23	84 18 87 16 86 53 86 54 84 32	384	8A 6P	SA THOMAS C HERNDON GA CORPS OF ENGINEERS GP OR S S MC REYNOLOS TVA WID RICHARD E ZEYSING	2 3 5 3 4 2 3 5 3 8 4
FARMERS FLEWINGSBURG FLEWINGSBURG POST OFFICE FORD LOCK 10 FORDS FERRY DAM 50	2903 E2908 2953 2961	CRITTENDEN	5 4 7	38 09 38 25 38 25 37 53 37 28		750 593 356	6P	7A. MRS C C STAMPER 7A BYRON F FLEWING 10 MAURICE O CARPENTER 6A CORPS OF ENGINEERS 6A CORPS OF ENGINEERS	2345 7		ST JOHN BETHLEHEM ACAO ST MARY SALVISA LOCK 6 SALYERSVILLE SCIENCE HILL	7096 7121 7129 7202	MARION MERCER MAGOFFIN PULASEI	8 5	7 35 7 56 7 45	85 59 85 21 84 49 83 04 84 39	777 730 520 900 1065	7A 6P	7A SISTER S M GSSLE MIO ST MARY COLLEGE 7A CORPS OF ENGINEERS MIO J M MAY 6P WILLIAM H OOBBS	2 3 5 3 4 3 4 CLOSED 6/56
FRANEIR WATER WORKS FRENCHBURG GEORGETOWN NATER WORKS GEST LOCK 3	3036 3052 3194 3203	FRANKLIN SIMPSON MENIFEE SCOTT HEMRY	4	38 13 36 43 37 57 38 12 38 25	84 52 86 34 83 39 84 33 84 53	880 490		5A CORPS OF ENGINEERS 7A HERMAN O NEAL 5P FRENCHBURG SCROOL 8A JOE W ATKINS 7A CORPS OF ENGINEERS	2 3 5 7 3 4 3 3 3 4	,	SCOTTSVILLE SEBREE WATER WORKS SKELETVILLE 2 W SHEPHERDSVILLE 2 NW SMITHFIELO 4 S	7234 7324 7334	ALLEN WEBSTER SHELEY BULLITT BHELEY	8 3	16 45 17 36 18 13 8 00 18 20	86 12 87 32 85 16 85 44 85 16	770 360 825 450 862	5P 8P 6P	SP NOBLE ALLEN SP SEBREE WATER WORKS 6P WILLA S A RATTA 7A RICHARD L, BLISSETT MIO F W SIMPSON	2 S 5 S 2 3 5 2 3 5 3 4
GLASGOW GOOMAN AFBU PT KNOX GRANT OAM 38 GRAYSON GREENSOURG	3280 3358 3391 3430	BARREN HARDIN BOONE CARTER GREEN	7 7 7 3		85 55 85 58 84 49 82 57 85 30	589 581		TA EMILY M. BEAN IO US AIR FORCE SA CORPS OF ENGINEERS BA SHIRLEY I STATEN TA MRS WELL M LINGLE	3 3 4 3 3 2 3 5		SOMERSET HIWAY OEPT SPRINGFIELO STEARNS SUMMER SHADE SUBSTA TATHAM SPRINGS	7604 7877 7805 7924	PULASKI WASHINGTON MC CREARY METCALFE WASHINGTON	3 3 3	7 41 6 42 6 53 7 52	84 35 85 14 84 29 85 40 85 09	873 738 1420		MID ROSCOE RIERCE SA WM B COATLEY MID SARA C. ALLEN TVA MIO R C OCOMAN	3 4 3 3 4 3 3 4
GREENSBURG HIWAY 61 BR GREENUP OAM 30 GREENVILLE 2 W HALEYS MILL HARTFORD 6 N	3443 3451 3539 3652		3 3 3	37 32	85 30 82 51 87 12 87 20 86 54	740 540		VM. A. PICKETT VM. A. PICKETT VM. CORPS OF ENGINEERS SP C R LOVELL IO CLEATUS E BRINKLEY SP W R CARSON SR	3 3 2 3 5 3 4 3		TAYLORSVILLE TOMPKINSVILLE TOMPKINSVILLE TEL OFF TURKEY CREEK SCROOL TYRONE LOCK 5	8060 8065 8144 8179	SPENCER MONROE MONROE TRIGG ANDERSON	3 3 9 3 4 3	6 42 6 42 6 45 8 02	85 21 85 41 85 41 88 05 84 51	489 899 899 350 524		7A MRS KATHRYN B CARR MID JAMES T PHILPOTT 7A MRS ALICE N HALE TVA 7A CORPS OF ENGINEERS	3 4 3 3 3 3
HAZARD HEADQUARTERS HEIGELEERG LOCK 14 HENDERSON 4 SW HERNDON	3722 3741 3762 3798	HENGERSON CHRISTIAN	7 2	37 47 36 44	83 12 84 07 83 46 87 37 87 34	382	6P 5P 6P	TO N A BAILEY SP MRS G L JENNINGS SA CORPS OF ENGINEERS SP FRANK STREET ID C W KEATTS	3 4 CLOSED 8/50 2 3 4 5 7 2 3 3 5 3 4			8246 8259 8488 8551	UNION MADISON LEWIS LINCOLN WORGAN	4 5 7 5 5 5	7 51 8 38 7 22 7 55	87 57 84 26 83 21 84 34 83 15	357 571 525 1215	7A	6A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS 7A FRANE BOECK 7A JOHN W TURNER	3 4 3 3 2 8 5
NICESVILLE RIGB BRIDGE LOCK 7 SINDMAN SETTLEMENT SCH HOOGENVILLE NAT PARK HOPKINSVILLE 2 E	3837 3899 3929 3994	GRAVES JESSAMINE KNOTT LARUE CHRISTIAN	4 3 2	37 49 37 20 37 32 36 52	88 30 84 43 82 59 85 44 87 27	1080		TVA SA CORPS OF EMGINEERS SA ELIZABETH WATTS TO ERNEST L. WRIGHT SA W E MORRIS	3 2 3 5 7 3 4 2 3 5 7		WILLIAMSBURG WILLIAMSTOWN WILLOW LOCE 13 WOLFE CREEK DAM WOOOBURY LOCE 4	8714 8724 8807	WNITLEY GRANT LEE RUSSELL BUTLER	4 3 3	8 38 7 36	84 10 84 34 83 5D 85 08 86 38	939 943 646 610 504	8P 6P 8A	7A CHARLES B WEST 7A MISS N B SIMPSON 7A CORPS OF ENGINEERS 8A CORPS OF ENGINEERS 7A CORPS OF ENGINEERS	2 3 5 2 3 5 3 2 3 4 5 8 3 4
HYDEN IRVINGTON JACKSON JENKINS JENKINS WATER WORKS	4165 4196 4236 4241	LESLIE BRECKENRIDGE BREATHITT LETCHER LETCHER	1 1	37 10 37 10	83 22 86 17 83 23 82 38 82 38	646 698 1600 1600	7P	SP MRS POREST CAMPBELL PP FLOYD G ROBBINS FA MR W W GILLESPIE ID NIBBERT ELKINS FA BILLES L. WILLIAMS	2 3 5 7 3 3 4 3		CARROLLTON	5434 7510	PERITY BOURBON PULASKI CARROLL FULTON	4 3 3 4 3		83 11 84 09 84 37 85 10 89 12	840 1050 475	5P 8P 6P 5P	7A BURCHELL MUNCY 5P MILLERSBURG MIL. INST 6P RAGIO STA WSFC 8P GOO FELLOWS CEMETERY 5P KENTUCKY WTR. SERV. CO	23 5
JEREMIAH REENE 2 M KENTUCKY DAM LANCASTER ICE PLANT LAURA	4369 4414 4620 4842	LETCHER JESSAMINE LIVINGSTON GARRARO WARTIN	4 9 4 1	37 37 37 45	82 56 84 38 88 16 84 35 82 26	950 362 1032		TA MES SUSAN F ISON TA MARION W MAHIN TA TVA BA KENTUCKY UTIL CO BA JAMES A FIELO	3 3 3 4 3 3		NICKMAN	3816	FULTON	6 3	5 34	89 12	315	5P	SP KENTUCKY WTR. SERV.CO	23 5
LEITCHFIELD LEXINGTON WE AIRPORT LIBERTY LITTLE BICKMAN LOCK 8 LOCKPORT LOCK 2	4746 4755 4825	GRAYSON FAYETTE CASEY JESSAMINE HENRY	3 4	37 29 38 02 37 21 37 45 38 26	86 18 84 36 84 55 84 35 84 58	635 979 560 485	MID	BA GEORGE D LITSET ID, US WEATHER BUREAU FA PALLIA L HANGLA FA CORPS OF ENGINEERS BA CORPS OF ENGINEERS	2 3 5 7 2 3 4 5 7 3 4 3 4 3 4		† ORAINAGE COOE: 1 Big 7 Ohio	Sandy	: 2 Cumberlas	d; 3	Greoz	s; 4 Xe	ntucky	; 5	Licking: 6 Miswieeippi;	

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state

Figures and letters following the station name, such so 12 88%, indicate distance in miles and direction from the post office

Monthly and seasonal snowfall for the preceding 12 conths will be carried in the June seems of this bulletin.

Stations oppositing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unions otherwise indicated, disensional units used in this bulletin are: Tomperatures in 'F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Teather Euresu type pan of 4 foot dimenter unless otherwise shown by footnote following Table 6.

Sleet and hall wore included in snowfall averages in Table 1, beginning with July 1948.

Open is added in smoothl averages to Table 1, beginning with July 1988.

Assorbed in Table 2 for free non-recording ages, under otherwise indicated,

Data in Table 3, 5, 6 and noneful fats in Table 7 are for the 30 house ending at time of observation. See the Station Index for observation time.

Data in Table 3, 5, 6 and noneful fats in Table 7 are for the 30 house ending at time of observation. See the Station Index for observation time.

Per narrowed in Table 3, 4, 6, 7 and the Station Index. So record in Table 2 and 5 is indicated by no entry. These houring precipitation is excessed as a face of the station, have been adjusted to represent the value for a full station of the station, have been adjusted to represent the value for a full station of the station, have been adjusted to represent the value for a full station of the station, have been adjusted to represent the value for a full station of the sta

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W.R P.C., Chattanooga, Tenn. --- 10/20/50 --- 950

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U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

BRARY OF THE

R 22 1951

SITY OF ILLINOIS

# CLIMATOLOGICAL DATA

KENTUCKY

SEPTEMBER 1950
Volume #LV No. 9



#### KENTUCKY - SEPTEMBER 1950

O. K. Anderson, Section Director - Louisville

#### WEATHER SUMMARY

Lower than normal temperatures continued through September with the average for the state 3° below normal The trend of above normal precipitation was extended through this month, making this the fourth wettes September on record. The first light frost of the season was recorded locally in many places, however damage was negligible. The continued low temperatures, combined with the above normal rainfall, put farmers behind schedule in all phases of farm work. Storms and floods, especially in the northeas section, were contributing factors to the excessive damages suffered during the month.

Subnormal temperatures were general throughout the month except for three periods, at the beginning, it the middle, and at the end of the month. The highest reading of 92° during the month was the second lowest maximum temperature ever recorded. Only a few stations reported temperatures of 90° or slightly above and these were recorded on only one day in each case. The lowest reading at all stations occurred on the 25th or 26th with scattered light frost reported at several stations on the morning of the 25th All sections of the state reported negative departures from the normal. The mean temperature for the state was 67.2° which is 3.0° below normal. The monthly mean temperature ranged from 70.5° at Wolf Creek Dam to 64.0° at Mammoth Cave Park. The highest temperature recorded in the state was 92° at Benham on the 3rd. The lowest was 33° at Mammoth Cave Park and Shepherdsville 2 NW on the 25th.

The average precipitation continued much above normal. This month goes down in Weather records as the wettest since 1933 and the fourth wettest since beginning of records (1889). Amounts varied widely from over 12-1/2 inches in the northeast to less than 2 inches in the extreme southeast. The smallest amount were in the extreme west and in the southeast where a few stations reported less than their normal. The areas of the greatest concentration of rain were the northeast and west central sections. The average precipitation for the state was 5.01 inches which is 2.10 inches above normal. The total rainfall so far this year is 54.22 inches against a normal annual total of 45.17 inches. The total rainfall corded this month at the various stations ranged from 12.61 inches at Morehead State College to 1.90 inches at Middlesboro RR Station. The heaviest rainfall reported in any one day was 5.90 inches at Mest Liberty Water Works on 21st.

The subnormal temperatures and generally high humidity prevailing during the month was detrimental tfarm activities except for the last few days. This interval of above normal temperatures found farmers very busy, but maturing crops and general progress of farm work were behind schedule on October 1. The bulk of the tobacco crop was housed with very heavy losses due to "wildfire" and other field diseases fostered by the frequent rains and high humidity. Hill corn was better than usual but the increase was not sufficient to offset the poorer yields in the bottom lands. Some mechanical picking of early corn was started. Although 90% of the crop was reported to be frost free, moisture content remained too high for widespread harvest. Early soybeans were ripening up well. Combining was just getting underway at the end of the month. Hay supplies were generally adequate but the continued rain and cool weather were unfavorable for curing. Pastures continued to make lush grazing for livestock. The soil was dry enough at the end of the month in many localities to permit plowing and seeding of fall grains, however, much low flatland continued to be too moist for any farm activity.

All of the creeks in northeast Kentucky were out of their banks during the month. Excessively heavy rains in the headwater areas of the Licking River resulted in the river passing flood stage at Farmers on September 21st and 22nd. Flooding also occurred along the lower Green River during the first weel of the month. Damages totalling mear one million dollars were directly attributable to the heavy rains and their results. The greatest portion of the losses was suffered in the northeastern counties. Two fatalities were also attributable to the storms.

W. S.

#### ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclima the weather stations, and the state of the transfer of the Hydroclimatic Network is a reproduced in the Hydroclimatic Network is a reproduced in the Hydroclimatic Network is a reproduced in the recording type which produce continuous records of precipitation. It was established in 1503 of the request of the Corps of Engineers, Department of the relationship of the Hydroclimatic Network is a state of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about twenty of the Hydroclimatic Network is not the Hydroclimatic Network in the Network Intellectual Network in the Network Intellectual Network in the Network Intellectual Network I

Previous to the introduction of this bulletis series, data from Hydroclisatis Network stations were presented is bulletins (Hydrologic bulletins) which were issued monthly for each of 8 drainage zeros exbracing the entire United States, but since the Network was established to seet the internal requirements of the Federal agencies referred to above, no provision was made for species and to certain public reportabution being listed to cooperating species and to certain public reportabution being listed to cooperating erence copies of the Hydrologic Bulletin Series are available for imspection may be obtained up an application to Chief, U. S. Weather Bureau, Wasbington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

## SUPPLEMENTAL DATA

						SUP	LLI	IEIV I	AL	DAI	A								SEPTEM	ENTUCKY
	Wind	direction		Wind	speed p h		Relati	ive hum	idity ave	reges		Numb	er of d	eye with	precip	itetion			100	
Station	Prevailing	Percent of time from prevailing	Average	Featset	Direction of tas out mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p	6:30 p	Trace	0110	.10- 49	80-98	1 00-1 99	2 00 and over	Total	Perce possible sunshine	Average sky cover suntate to st	Degree day
EXINCTON WB AP	ENE	13	7.9 5.7	27	S	21	88 87	92	88 81	79 74	4 2	2 4	5 8	2 2	0 1	0 0	13	74	8 9 8.7	Bee Table 2

## COMPARATIVE DATA

10 1																				
	T	emperetu	ro	Pr	ecipitatio	on		Te	mperatu	(0	Pr	ecipitatio	on		Te	emperatu	re	P:	recipitatio	n
[ear	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more
899 990 991 992 993 995 996 997 998 999 900 900 900 900 900 900 900 900	72.1 67.0 69.5 68.5 68.5 69.6 71.7 73.4 68.6 72.8 73.4 68.7 74.6 68.7 74.6 68.1 70.2 73.0 69.1 71.1 70.2 73.0 69.1	101 95 97 93 98 101 100 105 103 105 102 98 97 100	36 36 42 38 35 37 27 31 31 31 42 27 35 32 32 34 36 45 35 30 31 31 31 31 31 31 31 31 31 31 31 31 31	1.23 2.71 1.89 2.68 3.24 2.71 1.10 3.77 0.21 4.36 1.66 2.25 3.57 4.01 2.58 2.61 5.30 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1	000000000000000000000000000000000000000	3 1 1 9 5 6 10 4 8 6 13 6	1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930	71.0 69.6 67.8 70.7 67.2 67.2 67.8 71.5 70.8 71.5 75.5 72.7 69.8 72.7 73.5 72.2 65.3 77.2 73.5 72.6 73.6	103 106 97 99 98 98 92 102 96 99 103 94 97 110 98	33 29 36 32 32 32 34 30 40 38 45 45 45 40 30 24 35 38 36 31 32 32 32 32 32 32 32 32 32 32 32 32 32	2.80 2.49 2.96 3.32 3.48 2.56 2.94 1.69 3.30 5.37 2.22 8.87 0.81 4.69 2.46 2.74 3.66	000000000000000000000000000000000000000	10 77 9 6 7 6 5 8 4 9 13 5 8 10 9	1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 PERIOD	68.3 74.4 67.8 70.3 74.5 66.7 73.1 67.5 66.4 68.8 72.5 68.4 70.1 69.5 67.2 70.2	99 101 98 101 105 100 99 96 104 96 101 95 103 98 91	31 41 29 37 39 24 34 36 33 38 43 36 33 36 33 33 36 33 33	2.75 3.57 1.84 3.52 1.26 1.97 1.16 3.24 2.58 3.38 3.42 2.52 3.04 2.52 3.04 2.59 1.84 5.01 2.91	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 7 5 8 3 5 8 8 9 9 5 7 6 7
10 11	71.8	99	38 46	4.41	0	6 9	1932 1933 1934	74.3	98	40	5.03	0	9							

# CLIMATOLOGICAL DATA

KENTUCE SEPTEMBER 195

				Temp	orature								_	Precipitati	ion			PLIPMB	ER 195
		_				T		No. o	of days			Τ.		Snor	w, Sleet, H	ail	N	o. of da	ys.
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max, 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.25 or more	1.00 or more
WESTERN DIVISION																		<b>†</b>	
BEAVER DAM FORDS FERRY DAM 5 GREENVILLE 2 W BENDERSON 4 SW HICKMAN	68.1 68.7 67.6 67.6 70.4	- 3.3 - 3.2 - 4.3	89 88 86 87 90	19 19 19 3 19	36 40 37 37 41	25 25 25 25 25 25	35 22 35 33 12	0 0 0 0 1	0 0 0 0	7.07 4.23 5.73 3.45 2.34	4.30 .70 2.75 .46	3.90 2.03 ·1.52 .85 .80	2 1 8 8 8	.0 .0 .0	0 0 0 0 0		9 11 12 12 13	5 3 6 5 3	1 1 2 0
BOPKINSVILLE 2 E LOVELACEVILLE MADISONVILLE 1 SE MAYFIELD 2 S MURRAY	68.5 67.9 68.0 68.0 68.3	- 3.8 - 3.8 - 4.1	88 88 87 88 90	18 19 19 3 19	38 38 36 38 38	25 25 25 25 25 25	28 32 32 29 30	0 0 0 0	0 0 0 0	6.50 2.72 8.54 2.89 4.48	3.44 86 18	1.87 .91 2.54 1.05 1.42	1 9 1 8 2	.0 .0 .0	0 0 0 0		11 7 9 11 13	7 5 7 4 5	3 0 4 1 2
OWENSBORO PADUCAH CAA AP PADUCAH PRINCETON RUSSELLVILLE	68.6 67.5 68.4 67.9M 69.3M	- 1.7 - 4.7 - 3.6 - 2.2	88 87 89 89 87	19 19 20 19 20	38 38 40 36 38	25 25 25 25 25 25	24 37 39 24	0 0 0 0	0 0 0 0	5.09 3.73 3.26 4.41 8.00	1.91 .22 1.35 4.93	2.20 1.55 .93 1.04 3.70	1 3 8 8 8	.0 .0 .0	0 0 0 0		10 13 10 10	5 4 5 6	1 1 0 1
DIVISION CENTRAL DIVISION	68.3									4.83									
ANCBORAGE BARDSTOWN S J PREP SCB BOWLING GREEN WB AP BURCIN DIX DAW CAMPBELLSVILLE	66_4 68.2 67.7M 66,7M	- 4.3 - 3.7	87 89 87	1 + 4 1	36 35 38 36 36	25 25 25 25 25 25	48 75 32 30 42	0 0 0	0 0 0	5.22 4.63 4.48 5.48	2.39 1.45 1.36	1.23 1.23 1.46 1.31	12 2 3 21	.0 .0 .0	0 0 0		12 13 13 12	9 5 5 6	1 1 1 2
CARROLLTON COVINCTON W B AIRPORT DANVILLE FRANKPORT LOCK 4 GREENSBURG	68.1M 64.7 66.7 66.1 66.7	- 2.8 - 3.4 - 3.1	91 86 85 88 86	1 1 19 2 20	39 35 37 36 39	25 25 25 25+ 25+ 25+	39 82	1 0 0 0	0 0 0 0	8.25 5.45 3.57 7.58	2.37 .72 4.44	3.19 1.12 .98 2.35	2 3 21 3	.0	0 0 0 0 0		11 14 13 13	5 6 5	3 1 0
IRVINGTON LEITCHFIELD LEXINGTON WB AIRPORT LOUISVILLE STAN W B AP LOUISVILLE WB CITY	67.3 67.4 65.7 67.6 67.4	- 3.2 - 2.9 - 2.8 - 1.4 - 3.1	87 86 85 88 86	19 19 1 1	37 38 37 36 41	25 25 25 25 25 25	44 41 62 40 38	0 0 0 0	0 0 0 0 0	6.30 7.66 4.28 3.06 2.96	3.45 4.46 1.21 .28 .18	1.84 3.28 1.34 .95 1.19	20 3 21 2	.0	0 0 0 0		12 11 13 9	6 6 5 4 4	2 1 1 0
MAMMOTE CAVE PARK ST JOHN BETHLEHEM ACAD SCOTTSVILLE SBELBYVILLE 2 W SBEPBERDSVILLE 2 NW	64.0 65.5 66.7 67.2 70.0M	- 5.0 - 4.0 - 2.4	84 86 88 87	1+ 2+ 3 1	33 36 34 35 33	25 25 25 25 25 25	88 47 41 27	0 0 0	0 0 0 0	6.10 5.92 5.11 3.15 3.96	2.46 2.94 .47	1.69 1.23 .60 1.32	3 3 3 21	.0 .0 .0	0 0 0 0		12 12 10 14 10	5 6 6 7	3 3 0 1
SOMERSET 1 N WILLIAMSTOWN WOLF CREEK DAM	67.9M 65.6 70.5	- 4.0	84 85 88	2+ 1+ 3	37 39	25 25	30	0 0	0	5.66 4.37 6.04	1.41	1.98 .74 1.48	2 20 21	.0	0		12 14 12	7 6 6	1 0 2
DIVISION	67.0									5.20									
EASTERN DIVISION																			
ASHLAND DAM 29 BENHAM BEREA COLLEGE CORBIN CAA AP FARMERS	68.6 67.0 66.3 65.7 65.6	- 1.7 - 3.5 - 2.7	88 92 83 86 85	20 3 2+ 2 30	39 34 36 35 36	25 25 25 25 25 25	37 56 62 68	0 2 0 0	0 0 0 0	8.53 2.26 3.51 3.00 8.16	5.97 .59 5.36	2.41 .98 1.50 .97 1.69	22 22 2	.0 .0 .0 .0	0 0 0 0		12 10 9 12 13	9 3 5 4 8	3 0 1 0 3
BEIDELBERG LOCK 14 BINDMAN SETTLEMENT SCB MANCHESTER MAYSVILLE DAM 33 KIDDLESBORO	66.1 65.7 68.0M 65.0 67.5	- 3.6 - 4.5 2.4	83 85 90 86 87	2+ 3+ 2 2	40 37 38 39 39	25 25 25 26 25	47 39 37	0 0 1 0	0 0 0 0	3.21 3.25 3.75 6.82 2.15	3.85 46	.95 .87 1.30 2.37 .47	3 3 22 22 22	.0 .0 .0	0 0 0 0		11 13 10 12 9	4 5 5 7 4	0 0 1 2
WILLERSBURG MIL INST MOUNT STERLING PIKEVILLE RICHMOND E STATE COI. WEST LIBERTY WATER WKS	66.6 64.3 68.9 65.5 66.0M	- 1.7 - 5.5	85 81 88 83 88	1+ 3 3+ 20 3	35 37 43 36 38	26 25+ 25 25 26	48 79 35	0 0 0	0 0 0 0 0	5.38 4.66 4.87 4.28 12.11	1.99	1.40 1.51 1.90 1.04 5.90	21 8 20 3 21	.0 .0 .0	0 0 0 0		9 10 9 14 10	5 6 7 5	3 1 1 1 5
WILLIAMSBURG	67.3	- 4.0	88	2	39	25	36	0	0	2.55	49	.96	2	.0	0		9	4	0
DIVISION	66.5									4.91									
STATE	67.2	- 3.0								5.01	+ 2.10			.0					

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CHOMACK BCAWP HLANO DAW 29 WHOURVILLE WATER WE W MUSTOWW	04 49 23	40 10 72 .08	71 1 10 1 07 05 83	.25			.14	41 17 33	27 .10 .51 .06 21	23 26 .07 24	. 31	.07	90 95	IJ					.18	52 1 80 96 .02	46 2 4 46 .3 76 .6					т				
EDSTOWN S J PMEP SCH KTKM MARLAN PTW WKS W YYPW DAW GRAY KTON R	15 06	19 3 90 .17 67	40 71 23 56	37	. 03		.30	82 06 .39	06 76	.10	.06	.27	T .05							т	47 1.2 26 .30 .6 69 .0	6				T .09		T	01	
MEA COLLEGE R MEA WATEM WORES MOTOR 2 SW MLING OREKH	T .16 .33 1.26	79	T 1 22 1 09 .67	.07			.17	07 04 .16	.08 .06 .16 .04 1 16	.05 03 .04 .02 42	10 10 T	.25	T 46 .06		. 03				T	. 53		5 4 2 .00 7 5 T				.04		. 02	т	
LING ORKEN SUBSTA LING GREEN WS AP LING GREEN WE AP HT DAM 36 WHSWILLE LOCK 6	1.21 .16 .14 .12 65	.54 1 23 1.17		.30			.89	54 72 .69 .14 66	1 31 .19 .17 .49 .76	.52 10 .09 .10 .22	т	. 05	1.40	.04	Т					.09 .08 1.75 .02	48 1.3	7 1 5 3				.05 06	01 T	.01		
GIM OIX DAM UNSIDE DIZ LOCE E PRELLSVILLE ROLLTON LOCE 1	.15 .22 2.36	.35 .15 .35 1.23	1.46 2.62 1.19 46 25	.15 T .37 .91			37	.19 47 .96 .24 .25	.06 .21 .15 .42 .96	.12 .20 05 15	T .05 T .17	1	1.35	. 05	T .07						1.31 .0					. 57	. 03			
MOLLTON LOCE 1 R TRAL CITY WATER WES R NTON R LEGE HILL LOCK 11 OMBIA LW COLLEGE	.25	.19	.05	.77			.78	.62 .71 .64 .18 .63	.53 .15 .02	.11 .18 .21	.17 .16 .39 T	.90	_42						.14	. 52 . 08 . 04	.66 .0 .20 .14 .0 .38 8	13 10 12 .3	2			. 03	.34			
STANTINE R 181N CAA AP 11NGTON WE AIRPORT 1THIANA 1VILLS	.12 .18		.17 .11 .37 1 12	.08			.66 .37 T	.22	.74 T .44 2.12 .13	.05 .14 .15 T	.04 .01 .06	.01	T . 63 . 30	т					.02	.73	1.86 .83 .96	0 4 0 .1 3 .0	5			т				
ELLA R PHIA 1 E A OSE BARRETTS FRO H DES BARRETTS PRO H 8			1.06 .23 3.28 .21	. 32 1 . 02 05			.22	36 .65 .37	.11 42 .05	.21 15 .08	.23 .04 .12 .03	.30 .48 .25 .03							1.28	.62 .06 2.80	.22 .3 .10 .6 .10 .6	7 19 12 15				.05	.05			
MOR NVILLE ONTON DHTON R		2.07	4.68 1.82 .55 .65 .54	.07			80	1.62 1 43 85 .52	.69 .69 .64	.84 1.65 .07 .25 .17	.42	.02								.60		10				. 60	32			
ZABETHTOWN MOUTE MEMS MINGSBURG MINGSBURG POST OFF M	.12	.11 .01 15 .04	3.00 10 .67 .17	.05 .03 1.03 .12 .02					T 1.31 1.69 .99 1.24	.39 .03 64 .71	T .02 .03	.32 .04 .73 .56	.75						.60	1.12 .80 2.62 2.21	1 .44 .38 .85 1 .3 .83 2 .0	2 T T 3 .0	5				. 01			
O LOCK 1 DS FERRY DAM 5 DS FERRY DAM 5 MEPOST LOCE 4 NELLW MATER WORKS	.10 2.03 .02 .16	.06	. 55 . 23 07 63 3. 00	.14 06 .32 .26			45	.13 .74 81 .38 1.86	.34 .48 .04 .20 .18	04 .09 .05	.05 .13 .05 .06	. 04	.14							.11	04	78 .0 05 .0				.20 40	.22			
UNELIN WATER WORES RECHEBURG DEGETOWN MATER WORE ST LOCK S  8	.62 .22 .19 .18	2 38 .30	.59 .25 .84 .22 .02	. 20			1.61	. 20 1.37 .09 .11 .57	. 66	.18 .57 .01 15	.06 .16 .28	.35 .03 .28 68	.10						. 26	.50	1 42 1	18 .0 11 08	2				т			
SGOW NT DAM 38 TSON EMSSURG EMSSURG BIMAT 61 B	.45 12 .09 .25	.79	1.25 .58 .85 2.35 1.81	18 1 03 10 .20				.54 .28 .75	.80 .95 1.21 .05	.11 .15 .23 .26	. 05 1.00 . 05 .10 . 04	.05 46 .60 65	.97 1.62							1.28 2.15	.35 .29 2.1 .85 2.1 1.50	80 80 90 90 97								
EBNUP OAM 30 EBNVILLE 2 W LEYS MILL R RTFORO 6 N EARO	.03 .83 .26	.08 1.15 1.26 1.75 69	2.35 1.81 60 1.15 .96 .21	.64 .07 .02 .10			38 1.05 .14 .20	1.52 .68 .99	.13 .92 .17 .61	.41 .28 .22 .28	.07 .18 .06 .19	.04	.13	T					. 07	.72 .07 .02	T .10 .	12 .0 10 02 06 18	4			.19 .12 .14				
AMO WATER WORKS R OELBERG LOCE 14 DELBERG LOCE 14 R DERSON 4 SW NDON R	. 05	.12 48 1.38 .04 1.12	.78 .95 .03 .51 1.37	.28			.16 .06 88	.25 .20 .10 .85	.11 .23 .28 .53 .09	.15 .03 .08 .29	.03 .05 .02 .52 .07	79 .05 .10 .04	.27							.12	25	17 .0				.32	т			
EMAN ESVILL8 8 BRIDGS LOCK 7 DMAN SETTLEMENT SC GENVILLE NAT PARK R	2.02 .17 .10	.04	.02 .54 1.33 .87 .59	. 28			. 56	.80 .92 .18 .11	09 42 .06 .12 .22	.09 .19 .02	.07 10 .32	. 06	.71			. 06				.11 1.35 .47 69	.62 .12 .91	10 21 75 .0	3 . 04			.45	.32			
Kinsville 2 8 NRN INGTON KSON KINS 8	1.67	19 1.57	1.40 .76	22			23	.23	.78	.32	24	.10	-	. 07	-		-	-	.30	1.84	.15 .:	15 02 13 .0	2 -	-		. 05 T	. 07			
MEINS WATEN MORES REMIAH REE 2 N FTUCKT DAM RCASTER ICH PLANT	.12 .21 2.71 .12	* T .01 1 20	. 81 1.33 .67	1.44 1.15 .02 .12			.14	.10	51 .09 .64	.06	.06	.53 .99 .08	.40 .13 .72		.03				. 04	1.83 .20 .37		- 10 37 .0	1			. 51	40			
TRA ITCHF18LO INGTON WB AIRPORT SERTT R	.09 .98 T	. 93	1.43 3.28 .79	.01 .01 .28			12	.07 .68 .24 .54	.30 .55 23 .12	.15 .03 .43 .30	.10	.26 .04 .14 .03	.10	.15					. 06			33 18 36 35				.02				
TILS BICEMAN LOCE 8 TILE SICKMAN LOCE 8 R EMPORT LOCK 2 LICK 1 S //R HDON 3 SW 8	.17	.90	. 98 . 02 . 35 . 06	.04			.13	.15 .07 .32 .38	.15 .03 .96 .21	.08 .02 .04 .06	.10 27 .09	.07 1.22 .30 .05 38	.65						.48	.54 .11 .05	.74 .81 .26	10 10 12 .0	2				.02			
DISA LOCK 3 DISA LOCK 3 DISA LOCK 3 DISVILLE BOWHAN FLO R DISVILLE STAN M 8 A R DISVILLE UPPER GAGE	.35 1.26	1.75 1.19 .95	1.00 .46 .83 .80 1 15	. 27 T			43	. 29 T	.55 .60 .05 .11	.04	.12 .05 .45	.84 .13 49	. 85	т					.32	1.00 1.30 .07	95 2.1 2.46 .1 .37 .1	50 88 53				т	т			
OISVILLE WE CITY 6 VEL'ACEVILLE CAS 8 DISONVILLE 1 SE M		1.19	. 06				.35	. 03	.08 .91 .22 1.55 1.88	.29 .30 .08 .21	. 05	.68		. 04					т	.15	.05	24				T . 52	.11			

## DAILY PRECIPITATION

Table 3—Continued	,									7.	1111		111	رب	LI	ΙM	111	Οľ	•											0.000	KEN	TUCEY 1950
Station	_	_		_		_									Day	of M	nth													SEPT	KERKE	
MAMMOTE CAVE PARK	1 08	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Total
MATFIELD SUBSTA MATFIELD 2 S MATSVILLE DAM 33	.30 2.10 .08 .02	.88	1.89 .52 .25 .08 45	.16			1.37 T	. 75 . 26 . 98 1. 05	.42 .09 .54 .04	.08 .07	. 06	. 18	. 03	т	.10	т			.10	. 02 T 1. 03	1.33 .13 .08 .30	.19					. 62	. 60	. 03			6.10 3.75 5.08 2.69 6.62
MATSVILLE DAM 33 R MC KINNETSBURG //E MIOULESBORO MIOULESBORO RR STA E MIDWAY 2 S	.34	.46 .60	.18 .02 .20 .19	. 06			.42	.03 1.28 .02 .82	.95 .47 .05 .02		. 05 . 37 . 31	. 87 1.73 .04 .02 .12							.04	1.49 .77 .16	1.76	.89 .32 .47				.03						6.75 5.79 2.15 1.80
MILLERSBURG MILLERSBURG MIL INST MILLERSTOWN MONTICELLO MOREHEAO STA TEACE CO R	.12 .13 .09	.10	.37 .09 2.24 1.30 1.49	. 16			т	1.64 1.25 .88 .09	.69 1.04 .28	T .36 .52	.12	.40 .45 .15 .50	.10		.26				.10	.45	1.41 1.40 .94 .46 3.59	.20 .24 .12	. 08		. 07			т				5.51 5.36 8.03 4.50 12.81
MOUNT STERLING MUNFOROVILLE MUNFOEDVILLE MURRAY OLIVE EILL 1 NW	.37	.33 .19 1.44 1.42	.13 2.40 1.66 .40	.31			. 86 . 2m	1.51 .80 .57 1.16 .05	. 56 . 65 . 21 . 05 . 85	.06 .25 .10 .04	T .32 .02	.41	.02	. 08		. 03			2.29	.18	.98 1.55 1.93 .57 3.11	. 45					.48					4.66 7.36 7.49 4.48
OLNEY ONEONTA DAM 35 OWENSBORO OWENSBORO DAM 46 OFENSBORO OAM 46	.10 2.20 2.14	.02	1.09 E3 .97	.62			. 58	1.84 .09 .83 .80 .56	.4E .42 .42 .06	.12 .27 .05	.78 .18 .20 .10	. 34	. 29							.80	.10	.33 1.87 .20 .18	. 18				.10 .03 .12	. 52	. 04			4.27 5.52 5.09 5.02 2.75
PADUCAE CAA AP PAOUCAE PAOUCAE SCS NURSERY R PAINTSVILLE PIKEVILLE	.02 .01 .42 .39	.05 .15 .14 2.63 .79	.45	. 04			.32 .68 .42	.50 .93 .66 T	.12 T .14 .42	.21 T .37	. 13 . 51	.25	. 05	.02 .01 .01						.23 T .03 3.05	.20 .51 .32 .71	T T .01	.42			т	.43 .37 .40	.03 T	. 02	т		3.73 3.26 3.45 11.07 4.87
PIKEVILLE PINEVILLE PINEVILLE PLEASUREVILLE 2 S PRINCETON RAVENNA LOCE 12	.38 .09 .62	.80 .15 .43 .14	.04 .08 - .50 .86	T . 09	т		.03 .01	.16 .25 .72 1.04 .18	.24 .07 .80 .5E	. 6m . 7% . 0%	.25 .25 .40	.32	.04	.07	. 01				.93	. 94	.43 .01 .21	. 57 1.03 .38 .13 .76	.01				.71	. 04				5.17 2.45 4.41 3.04
EICHMONO E STATE COL RUMSEY LOCK 2 RUMSEY LOCK 2 EUSSELLY ILLE RUSSBLLY ILLE RUSSBLLY ILLE	.99	.02	.08	. 82	-		- 4	.19 .8 1.12 .97 1.60	.58 1.02 .09 .51 .58	.06 .12 .07 .41	. 00- . 14 . 14	.15 .05	. 75	T .18	.16		A			.07	.57 .31 .09	.40 .32 .01	. 03				.05 .15 .10	.04	.08	.05		4.28 3.74 3.62 8.00 10.24
SAOIEVILLE WATER WORK B ST JOHN BETHLEBEM ACA ST MARY SALVISA LOCK 6 SALVERSVILLE	.59 .05 .19 1.09	.23 1	.26	.06			.46	1.25 .49 .03 .27 .78	.80 .08 .31 .13	.04 .4E .84 .09	.03	.E6 .15 .15 .04 .18	.54		т				. 10	.15	. \$6 1 . 6 5 . 72 1 . 29 . 83	.05 .33 .14 .59	.01				T					4.34 5.92 5.46 5.36 9.66
SCOTTSVILLE SEBREE WATER WORKS SHELDFYILLE 2 W SHEPERROSVILLE 2 NW SMITHFIELO 4 S	.04 .05 .08 .37	.00 1 .36 .05 .02 .46	.23 .40 .60 .89	. 05			.66	.51 1 .94 .46 .34 .19	1.08 .77 .15	.09 .11 .42 .36 .37	.22 .21 .02	. 55	.25	. 05			1		.14	.05	.41 .27 .45 1.32	.04 .01 .30 .33	. 02				.24	.00				5.11 4.12 3.15 3.96 2.67
SOMERSET BIWAY OBPT R SOMERSET 1 R SPBINGFIBLO STEARNS R SUMMEE SHAOE SUBSTA	.05 3 .04 1 T .75	. 98 . 67 1 . 03 . 14 1		.20			.43 .41 .47	.12 .03 .21 .03 .67	.16 .33 .08 .17	.21 .19 .41 .27	.07 .10 .11	.03 .08 .03			. 04					.74 .85	.84 .79 1.10 .32 .16	.05 .51 .32 .18	т									6.03 5.66 4.55 2.31 5.50
TATEAM SPRINGS R TATLORSVILLE TOMPKINSVILLE R TURKEY CREEK SCHOOL TYRONE LOCK 5	.24 2.30 .19		.14 .41 .59 .83 .85	. 06			. 28	.08 .37 .74 .97	.14 .09 .08 .35	.26 .51 .25	.42	51 T	.08	.02	.10				.14	.24 .04 .12	.40	.03 .32 .12 .26	. 00				T . 53		т			4.74 4.58 4.11 6.52 5.03
UNIONTOWN OAM 49 UNIONTOWN DAM 49 VALLEY VIEW LOCK 9 VANCEBURG OAM 32 WAYNESBURG 6 B	1.70 .07 .18 .02 .13	.03 .23	.37	.68 .45			.42	.92 .80 .16	.31 .68 .35	.70 .03 .24 .28	.02 .40 .62 .11	.42 .03 .03	. 24						1	.06	.15	.15	.01		. 04		.13	.22				4.83 3.13 3.35 7.41 3.83
WEST LIBERTY WATER WE WILLIAMSBURG WILLIAMSTORN WILLIAMSTORN WILLOW LOCK 3 WOLF CREEK CAM	.25 1 .15 .05 .21	. 96	.12	.43 21 10 20				.35 .60 .20	.05 1 .07 .45	.20	.32 .05 .45	. 55	.11 .73 .10	.02	. 03					.74	.04 .15 .45	1.03 .45 .50 .80			. 03							12.11 2.55 4.57 4.46 8.04
WOLF CREBK OAM WOODBURY LOCK 4 WOODBURY LOCK 4 R		.05 .27 4 .28 2		. 86			. 56	.72 1	.12 .43 .02	.23 .13 .08	.20	. 02							.08 1	. 45	.10	.14					.03				- 1	5.53 9.80 7.49

tacio i																								SEP	A BILL	W TADA
						A. 1	M. Hou	n end	ing									P. N	f. Hou	ır endi	ng					7
Station									T		1.01	7				, T	- 1	5		7	8	9	10		10	Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	a	10	11	12	
													-ls	+												
						0.6	0.1					. 01	06	L	. 07	. 04										.49
BARBOURVILLE WATER WES BAXTER BARLAN WATER WES BOWLING OREEN WB AP CONSTANTINE					.05	. 25	. 01	.03	.02			.01	.01		.01	.08	. 02									15 .14 63
BOWLING OREEN WB AP																		.13	.01	. 62						63
CORBIN CAA DAVELLA	6					*			.01	.11	.01		01	.01	.75		. 62		.09	.18	.20	*			*	1.08
		.01						01	.00	.01	.01		.01	.01			.02									.01 .03 .02
FLEMINGSBURG POST OFF FORDS FERRY DAM 50		.01	.01	.01				.01		.01																.02
FRANKLIN WATER WORKS HALEYS WILL																	٠	•	•			٠		*	.82	.82 .26 .07
HAZARD			. 08		. 01					.01	.01					.05										.07
HODGENVILLE NAT PARK JENKINS			.08		.01														.03							.09
LONDON 3 SW LOUISA LOCK 3 LOUISVILLE WB CITY								.03	.01	.01	.01	. 08	. 21	.27	.08	.01	.26	.01	.04	. 25	.01			.01	.01	1.28
LOUISVILLE WB CITY																		.02	.01							.03
LUCAS MIDDLESBORO RR STA					.01	.04		.02	.01						.15	.01						.01	. 03	.01	,02	. 24
MOREHEAD STA TEACH COL MUNFORDVILLE		.05													.02							.01	.03	.01	, 02	.09
	6	.01	-	-	-	-	-	.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PADUCAH CAA PIKEYILLE	0	.01			·			.01		. 01	.01								.37							.39
ST MARYS COLLEGE SALYERSVILLE			. 03		.01	.01		. 26	,06				.01	.07	.48	.12	.02	.05							.02	1.09
SOMERSET BIWAY DEPT STEARNS							. 09	.18	.01	. 01	. 03	. 08	.18	. 14	.01	.01	.01	. 01	.01					.01	. 04	.05
UNIONTOWN DAM 49				.01	.02	,01	.03	. 23					-											.01	. 22	.07
WOLF CREEK DAW													-2	٦_										.01		, 20
ADDISON DAM 45		.01	. 27	. 01	. 01	.07	.03	.01	1.35	.31	.08	.02	.06	.07	.06	.04		.08	. 05	.09	. 23	1.67	, 83	. 03	.05	4.98 1.35 .06
ADOLPHUS 1 N BARBOURVILLE WATER WES		.01	.02	.01	.01		.02	,04		.01		.01		.02	.01			.00	.02	.01	.02	, 20				,06
BAXTER HARLAN WATER WKS BENTON 1 5W BEREA COLLEGE									.05	.15	. 08	.05	.15	. 07	.02							.08	.01	.01		.19
BEREA COLLEGE BOWLING GREEN WB AP			.03	.13	.01	.02	. 10	.01	.03	. 33	.03	.01		.46	,16	.18		.03	.02	.01	.08	. 03	. 04			1.43 1.17 .19
CARROLLTON LOCK 1			,02	, 20						.02	.17	.32	,15	.01	.02		.04	.07	.02	01	.01	11	12	.02		1 29
CENTRAL CITY CONSTANTINE					.01	.01	.01	, 64	.08	.01	.01	.32	.04	. 34	, 66	.01				.33	.01	.19	.20	.05	.10	1.29
	6	4:	. 03	*	*		. 1		. 01					.32	.96	1,80	.03	•	.05	.03	.74					3.19
COVINGTON W B AIRPORT DAVELLA DUNDEE BARRETTS FORD BR					.35	.01	. 01	.01	. 11	.08	.06	. 21	. 48	.16	.01	.01			0.2	1,05	,43	.03	.01	.05	. 23	3.18
EDMONTON FLEWINGSBURG POST OFF			.02	.07	.01	.01	. 01		. 02	.04	.02			.10	0.7	.01		.19	.02	1,00	, 10					.85
FLEMINGSBURG POST OFF FORDS FERRY DAM 50								.01	.01	.01	.02	.04	.01		.02		.04	.01						.09	.01	21
FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3											.05			.20		.14	.10		. 60	, 63	.70	.02	. 08	. 04	.02	2.38
HALEYS MILL			.01		.01	.01	.01			.05	.13	.38	.03	.01	0.1	.01	.01		50	.06	.40	.12	.02			1,26
HAZARD HEIDELBERG LOCK 14 HERNDON		4:						*	.48					.01	.01	.01	,01	.01	.07		.01	.01				1.39
HERNDON BODGENVILLE NAT PARK					.16	.01	. 28	.01	.09	. 40	.11	.04	.01	.12		.01	.02			. 03	. 21	.01	.01	. 24	.01	1.12
JENKINS KENTUCKY DAN										.10	.10	.09	, 11		.02	.31	. 24			.01	.08	.09	.10			
LEXINGTON WB AIRPORT								,06	.10	.01	.01	.01	. 14	.10	.09		.02	,02			.01	.01	.10			.62 .67 2.16
			. 07	.08	.43	.07	. 27	.25	.37	.09	.01		.25	.06	.16		.08	.47	.02		.08	. 03				9.0
LITTLE BICKMAN LOCK 8 LOGLICK 1 S		. 01	.01				.04	. 01	. 03	.04	.17	. 37		.08	.02	. 04	.07	.44	.02							1.20
LONDON 3 SW LOUISA LOCK 3 LOUISVILLE BOWMAN FLD		.09	.04	,04	.16	,25	. 06								.16	.01		.15	.01	.15	.05	.01	.05	.09	.01	1.19
LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY									.02	.05	.04	.09	.02	.02	.13	.16		.01			.04	.12	.09 .16 .10	.09	.04	.95
LOUISVILLE WB CITY LUCAS								.01	.04	.10	.04	.06	. 69	.06	.19	.22	.01				.04	.10	.16	.09	,02	2.12
MADISONVILLE 1 SE MAYSVILLE DAM 33				.01	. 02		. 03			.01	.01	. 14	.03		.03	0.7	.03	.49	.71	.06	.01	.11	.30			1.86
MC KINNEYSBURG										.11	.10		.02	.01	.03	.07	.03	.02	.01	.01	.01				.42	.60 .03 .27
WIDDLESBORO RR STA WILLERSBURG										.05	. 03			.07	.08	.01	.01		.01						.01	.27
MOREHEAD STA TEACH COL MUNFORDVILLE		,02	. 01	.01	.08	.01	0.1	.01	. 53			.20	.01			.01				.02	.05	. 01	. 02	. 28	.01	
OWENSBORO DAM 46				.01	.16	,00	.01	.01	.01	.01	.27	.02	.11	.03	.01		.03	. 13	.03	. 10		.06	.05	.01	.03	.83
PADUCAB CAA PADUCAB SCS NURSERY	6									.01	. 01	.01			.09	.01	.01									. 14
PADUCAS SURSEAT PIREVILLE RUMSEY LOCK 2 SADIEVILLE WATER WORKS ST MARYS COLLEGE SALYERSVILLE		.02	.04					.01	.02	.02		.02	.01	.02	.01	.01	.08	.16	. 44	.03	. 24	.05		. 07	.05	1.06
SADIEVILLE WATER WORKS						.19	.12	.05	.01	.01	. 21	.04	.04	.16	.01 .07	.01	.05	.01	. 02	.01			.01	.01	.01	.35
SALYERSVILLE		.05	.02	.03	.02	.19	.12	.03	.02					.01			.37	1.84	.05	.01	.06	. 03	00			2.50
SMITHFIELD 4 S SOMERSET HIWAY DEPT				, 01					.01	.07	.03	.06	.03	.01	.03	.09	.03	.01	. 01	.30		. 03	, 03		.03	.46 3.00
							.17	.13	.02	.02	.01	.12	.15	.12	.01		. 03					.01		. 07	. 23	.03
TATHAM SPRINGS TOMPKINSVILLE								723	.02	.01		.17	.01	.51	.40		.07	.01				-				
UNIONTOWN DAM 49 WOLF CREEK DAM		, 64	.01		.01	.01				.01			.01		, 54	,01	.01	. 03	.50	. 29						2.05
WOODBURY LOCK 4				. 04	.06	.05	.05	.08			,05	.35		. 05				.04	.01	. 04	.05	. 25	.66	.46	. 04	2.28
													-3	d-												
ADDISON DAW 45 ADOLPBUS 1 N					. 01	.01	. 03					.01	.01													. 07
ADOLPBUS 1 N BARBOURVILLE WATER WKS			.36	.20	. 01	.01	. 05							.03	.23	.11	.02	. 01								1.00 .05 .40 .56 .77 .05 .50 .17 .11 .21 .54 .11 .07 .59
BARBOURVILLE WATER WES BAXTER HARLAN WATER WES BENTON 1 SW														.08	.02	. 55	01									.40
BENTON 1 SW BOWLING GREEN WB AP CARROLLTON LOCK 1		.01		.41	.10	.08				.01				.03	.07	.02	.03	.01								.77
CARROLLTON LOCK 1 CENTRAL CITY			.02	.07	. 20	.13	.06			.01	.01			.02						.01	.01		.01			. 50
CENTRAL CITY CONSTANTINE COVINGTON W B AIRPORT		.06	.03		.01	.02	.04	.02			.01	.01 .04 .01														.17
DUNDEE BARRETTS FORD BR EDMONTON		.03	.01	.01	. 01	.06	.02	.03	.01	.01	,01	.01	.01				.15	. 01	. 01							. 21
					.01	. 21	.03	.01	.11							. 08	. 03	.01	, 01							.11
FORDS FERRY DAM 50 FRANKLIN WATER WORKS			.07	.03	.05		.01	.05		.03						.01	.05	. 14	.01							. 59
GEST LOCK 3 HALEYS MILL		. 01	.01	.01	.24	. 07										.01	. 50									1.15
HAZARD		.01	.05								.01		.07			.03									.09	1.15
HEIDELBERG LOCK 14				. 01	.01	.01																				.03

KENTUCKY SEPTEMBER 1950

	1					W U-	3		_				т-										SI	PTEME	ER 1950
Station		_	,		Α.	M. Ho	ur end	ing									P.	M. H	our en	ding					-3
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
HERNDON HODGEWYILLE MAT PARK JENKIRSY DAN LEXINGTON WB AIRPORT LIBERTY LITTLE BICEMAN LOCK 8 // LOGLICK 1.8	.01	. 01		2	.07	. 13		.08	.06 .01 .01		, 0:	i.	.01		7	.01	.0:	3 .0	1				-1	.0:	1.37 .59 .34 .21 .79 .03
LOGICE AS S LOGICE	.01 .02 .01 .01	.01	.0:	.04	.02	.01	.02	.01	.15		,21	.07	.01	.40	.0:	.05	.01		5						1.37 1.59 .34 .21 .79 .03 .02 .06 .48 .27 .60 .06 .83 .21 .18 .02 .19 .37 1.49 1.68
MILLERSURG MOREHFAD STA TEACH COL MUNFOR 'ILLE OWENSBOR DAM 48 PADUCAB CAA 6	.01	.04	.01	.77	.01 * .31	.14	.01	,01		.01	*	, 98	.01		.13	.01	.02		9 .01			.13	7		.19 .37 1.49 1.68
PADUCAB SCS NURSERY PIKEVILLE RUMSEY LOCK 2 SADIEVILLE WATER WOLLS ST MARYS COLLEGE	.02	.01		.01	.01	,02			.01	.01	. 01			.03	.02	.01	*	.34	1.54	٠	٠		•	٠	
SMITHFIELD 4 S SOMERSET BIWAY DEPT TATHAM SPRINGS TONPKINSVILLE	.08	.01	.01		.03	.06	.06	.01	.01	.01			. 22	.01											.92 .04 .07 .02 .26 .12 .33 .14 .59 .01 2.97
WOLF CREEK DAN WOODBURY LOCK 4  CORBIN CAA 6	. 03	. 22	1.20	.49	.11	. 04	,02					-4	th-		.75		.01	, 01							.01 2.97
CORBIN CAA 6 PLEMINGSBURG POST OF // HAZARD // JENKIMS LEXINGTON WE AIRPORT LIBERTY //	.01	.01 .01 .07	•	.29	.04	.01	.05	. 05	•	*	*	•	*	.03											.02 .10 .22
LOGLICE 1 S MIDDLESBORO RR STA MUNFORDVILLE PADUCAH CAA 6	.01			.01	.01	.01	.03	. 02	.01	.01	. 01	<b>-</b> 5:	h-						.12	.01					.10 .22 .01 .31 .13 .06
OFIAE BIFF 1 MA	-	-	-	-	-	-	-	-																	-
ADDISON DAM 45 ADDIFHUS 1 N BARBOUGHUS 1 N BARBOUGHULLE WATER S BARATE HARLAN WATER FUS BERTAN 1 SEENTON 1							.01	.02	.04	.01	.05	.01 .10 .05	.04 .05 .04	.12 .02 .01	.02 .06 .01 .05 .01	.01	.01 .08 .01	.06	.03	.10 .11 .01	.20	.08	.13	.09	.49 1.13 .27 .30 .63
CLINTON CONSTANTINE CORBIN CAA 6										*			.05	.02	.02	.08	.16	.07	.01 .06 .01	.12 .02 .07 .14	.10 .05 .01	.04 .08 .03	.01 .15 .14 .01	.20 .18 .01	.30 .63 .17 .79 .79 .45
EDMONTON FORDS FERRY DAW 50 FRANKLIN WATER WORKS HALEYS MILL											. 02	,01	.04	.01	.03 .11 .05	.04 .13	.03 .15 .01 .14	.07 .04 .05 .34 .18	.03 .14 .06 .11	.14 .01 .12 .22	.19 .01 .04 .13	.08 .03 .39	.03 .05 .11	.09	.65 .80 .45 1.61 1.05
HEIDELBERG LOCK 14  HERNDON BODGENVILLE MAT PARX KENTUCKT DAM LEXINGTON #B AIRPORT									.01	.02	. 01	.08	.01	.06 .04 .02 .04	.01 .03 .03 .02	.01 .05 .05 .10	.01 .03 .11	.02 .22 .06 .03	.10 .03 .06	.01 .02 .03 .13	.01 .02 .05 .10	.08 .15 .10	.17 20	.15	.18
LIBERTY // LITTLE BICKMAN LOCK 8 // LOGLICK 1 8 LONDON 3 SW LOUISVILLE BOWMAN PLD LOUISVILLE STAN W B AP								.01 .	.04	,02	.01	. 03	.02	.01 .02 .03	.02	.03 .02 .03 .04 .01	.07 .01 .04 .01 .01	.02	.06	.01	.01	,01	.01	.06	.51 .13 .07 .35
LUCAS MADISONVILLE 1 SE MIDDLESBORO RR STA								. 02 .	.02	. 04	. 04	.03	.02	.11	.09	.03 .08 .02 .01	.03 .12 .06	.07	.01 .01 .01 .07	.07	.05	.08	.06	.06	.88 .56 .84 .12 .51 .13 .07 .35 .29 .43 .35 .60 .59 .40 .96 .58
OWENSBORO DAM 46 PADUCAB CAA 8 PADUCAB SCS MURSERY PIKEVILLE PINSPY LOCY 2												.01		.03 * .01	.18	.04	.12	.04	.21 .03 .02 .16	.04	.02	.10	.07	.06	
ST MARYS COLLEGE SNITTHFIELD 4 S SOMERSET BIWAY DEPT STEARNS TATHAN SDRINGS								:	06 04	.02 .05	.02	.04	.12	.03 .07 .02	.05	.04 .02 .03 .07 .04	.04 .07 .01 .03 .08	.08 .01 .02	.07	.14	.03	.10	.03	.12	.42 .03 .58 .46 .34 .43 .47 .28
TOMPKINSVILLE UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4									01	.01	.03	.01 .01 -8t]	.16	.01 .13 .10 .02	.09	.19	.04	.02 .01 .02 .07	.01 .04 .02 .08	.01 .07 .01 .11	.10 .05 .05	.02		.05	.28 .66 .40 .56
ADDISON DAN 45 ADOLPRUS 1 M // BENTON 1 SW BEFEA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1 //		.08	.01	. 02			.01 .	04 .	02	. 02		.01	.02	01	.07		.01	.08	, 02		.09	.01		. 02	.11 .30 .39
CENTRAL CITY CLINTON CONSTANTINE	.06	.01	. 21 . 03 . 03	.04	05 .	02		03 .	04 04 03	.01	. 01	- 1		02	.05	.01	.01	.05	.20 .01 .02	.16	.19	.01	.03	.02 .01 .01	.11 .30 .39 .04 .69 .82 .71 .64
CORBIN CAA 8 CQVINGTON W B AIRPORT DAVELLA DUNDEE BARRETTS FORD BR						.08	.81 . .05 .	18 . 01 .	04 10		.02		. 15	.05	.05	.10	.05	.08	. 02	.16	.05	.07	•		1,58 .38 .37

See reference notes following Station Index.

Station						A	M Ho	uz endi	ing								,	P	м Но	ur end	ing				
		2	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
ONTON MINGSBURO POST OFF DS FERRY DAM 50								.08	.04	22	.01				. 05	.01	.02	. 01		.16	.18	.01	.06	.02	
NELIN WATER WORKS		.II	.10	.10	.04	. 01		.08	.01	.07	.01				.05	. 05	.02	.01	.16	. 05	.01	.07	, 04	.02	
NKLIN WATER WORKS T LOCK 3 EYS MILL		.03	.01	.01	.01				.03	.02	.01	. 19	.03	.07	.07	03	.01	.01	. 08		. 03				
DELBERG LOCK 14		.09	.11	.01									.01	.08		. 10		.01	. 02	.02	. 08	.10			.06
ADON CINS		.10	.05	, 05	.03					. 01	.01		. 02	.01	.08	.01	.01	.01		. 05	.03	.06		.03	.01
TUCKY DAM INGTON WB AIRPORT		.06	. 01					.05	.05				, 03		.06	.04		.01				. 20	.13	.07	.04
	38							.14	.01				.05	. 01									.01		. 01
INTY LE BICKMAN LOCK 8 LICK I S ON 3 SW SVILLE BOWMAN FLD SVILLE WB CITY															. 24	.08	.02	.03						. 02	. 04
SVILLE BOWMAN FLD		.03	01											.01										, 02	, 04
														.01		.05	.03		. 20	.28	. 03	. 01	. 04		
SONVILLE 1 SE VILLE DAM 33	37	.11	.20	.12	. 01	.01							.02	.01			.01	.75	, 53	.01	.02	.08	.02		. 01
INNEYSBURG LESPORO RR STA					.02	.06	. 04			. 09	.06	.01	. 47	.08	, 01	. 08	.16	.08	.11	.03				.01	.01
			.02	.02	.01			. 04	. 23	.26	. 25	.21	.08	, 13	.10	.08	. 14	.08							
HEAD STA TEACH COL								.01	.02	.01	. 01		.01			.01	.03	. 01	.11		. 11	. 24	.08	.01	
E BILL 1 NW SBORO DAM 46 CAH CAA		.07	.10	. 01					.01	.01	.01		.01			.01			. 01	. 04	.08	.13	. 08	.04	
CAB SCS NURSERY	6	.34	. 10	.01	.01	. 01		.18	.01		. 03			.07	. 05	.02	, 03	.02	.01	.18		.02	. 03	.02	, 08
VILLE		.12	02	. 03	. 01	.01			.01	.05	. 03	.01	.01					.02	.10	.10	.04	.11	.46	.02	. 08
EVILLE WATER WORKS ARYS COLLEGE		.01	.02	.02					.14	. 27	. 29	.12	.07	.12	, 08	.02	, 08	. 03	.03				.01		
EYILLE WATER WORES ARYS COLLEGE ERSVILLE HFIELD 4 S	11	. 14					.03	.16	.01		. 02	. 28	.03	.01	.09	.11	. 01	.02	.03						
		. 14									.01	.01	. 31	. 51	, 03				. 01				.12		
IRNS IAM SPRINGS				.01				. 01	.01		.01	.01												. 01	. 04
PKINSVILLE ONTOWN DAM 49 DBURY LOCK 4	11	. 04	.06	.10	. 24	.07	.01	.01		.02	. 04			. 01	. 08	.01	.01		.31	. 18	.01	.12	.02 .02 .01	.01	.01
BURY LOCK 4																,20	.06	.19	,02	,02	.50	.32	.01	.02	. 01
													-9	th-											
SON DAM 45 PHUS 1 N OURVILLE WATER WES	1/,	.01	.01					.01	.10	.41	. 03	.04	.01		.05	. 02		.08	. 03	.01				. 02	.02
DURVILLE WATER WKS	"		. 03	. 01				, 0%					.02	,06	.00	.02									.02
ER HARLAN WATER WES		.01																	.04	.01					
A COLLEGE ING GREEN WB AP		.02	.04	.01		, 01								. 05			, 03								.07
	//			.08	. 23	. 01	.04	.06	. 01	. 01				.01	. 09	. 02	.01					.09	.01	.01	
TRAL CITY		.01	.01	. 01					.12	. 07	. 01				. 42	. 09	.01								
BIN CAA ENGTON W B AIRPORT	6	*	.01				.19	.12		, 03							. 10								
ELLA DEE BARRETTS FORD BR				.09		.02	.10			, 00						. 01	.01							.01	.02
NTON			.01	.01		.03	.03									, 01	.01		. 05					.01	.02
INGSBURG POST OFF S FERRY DAM 50		.15	.10	. 07	.13	.10			.01										.05	. 63					
LOCK 3 YS MILL		.07	.06	.16	.02	. 08	. 03	.01	.01																
RD ELBERG LOCK 14 DON	1//	.05	.01	.02			.01											.13							
				6					. 04	.01	.01			. 03	.01	.01	. 01	.04							
INS		. 01	.25 .01 .07	.01					.04	.15				.03											
INS UCKY DAM NGTON WB AIRPORT RTY LE BICKMAN LOCE 8		.05	.01	.05	.04	.01									.02				.03						
TE BICKMAN LOCK 8	1//	.01	.01	.01	.01		. 01	. 09	, 02		.01								.01						. 05
ICK 1 S SA LOCK 3				.03	.17	.01	.30	.03																	
LLE S SICKMAN LOCE S ICK 1 S SA LOCK 3 SVILLE BOWMAN FLD SVILLE STAN W B AP SVILLE WB C1TY LS							.01	.02	. 03	. 02		. 02	. 02	.01			.02								
SVILLE WB CITY		. 01	.01					.02	.01	.02			.02		.16	. 01	. 01								. 02
SONVILLE 1 SE VILLE DAN 33	,,				.05	.08	.11	. 26	.44	. 01						.09	.05	.01							
INNEYSBURG LESBORO RR STA	1/1				.15	.12	.05	.08	.03	,01	, 01			.01	.01										
		.01	.01	. 34	. 27	.01																			
HEAD STA TEACH COL		. 01	.18	.17	. 29	.04	.01	.05						.09							, 48	.12			
E BILL 1 NW SBORO DAM 46 CAH CAA		.01		.01	.05	.29	. 24	.23	.01	.02				.02	. 01										
CAH CAA CAH SCS NURSERY	6	.05	.05	•	۰	٠	•	.11							*	*	*	.01	*	. 01	. 01				
AIITE		.01 .05 .07 .02	.04	.16			. 01		.01	.01			. 01			. 04		.01							
EVILLE WATER WORKS ARYS COLLEGE ERSVILLE		.01	.02	.05	.47	.11		.01		04			.01		. 04	, 04	.10	.01							, 06
ERSVILLE	11		.39	, 68	.01		.01	. 02	. 07	.01	.02	.01			. 04		.10								, 00
IFIELD 4 S		.03	. 05		. 03	.07		.02	.01	.01		. 01						.19	. 01						
RNS AM SPRINGS		.01		. 02	.05	. 03	.01	. 03	.01		.01			.01		.02	. 03								. 04
	11		.01	, 01	.05	.01											.05		. 59	.01					
NTOWN DAM 49 CREEK DAM BURY LOCK 4	//		.01		.01	.01	.04	.01									,00		, 00	.01				. 02	. 03
30N DAM 45 PHUS 1 N	//.	.01	. 03	.05	.01			. 01	.01	. 01	.01		-10	th-		. 01									
PHUS 1 N OURVILLE WATER WKS	11	.01			.01		.01	. 01		. 01		.01	. 04												
ON 1 SW A COLLEGE										.01	.01		. 01	.02											
DHUS 1 N ODURVILLE WATER WKS ON 1 SW AA COLLEGE LING GREEN WB AP OULLTON LOCK 1	//	.07	.01			.01			. 01	.02	.03										.05				
TRAL CITY TON TRANTINE	//				.01	.01	. 03			. 02	.03		.01			.02	.02	.04	.01		.00				
			. 01	.03	. 01			.03	.01						, 13			.04							

See reference notes following Station Index.

KENTUCI

Station		-						ur end	ing -		,							P. I	M. Ho	ur end	ling				
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
ORBIN CAA DVINGTON W B AIRPORT UNDER BARRETTS FORD BR MONTON DRDS FERRY DAM 50 SST LOCK 3	6	.03	. 04	, 10	.01	.02	.01		.02	.01	*	٠		.01	.01		.01	.01	.02			. 02		.12	
LEYS MILL IDELBERG LOCK 14 ERNDON DOGENVILLE NAT PARK ENTUCKY DAM	//		.01	.01	.04	.04		.04	.01	.12 .15 .02	.04	.02		.01	.01	.01 .01	.01								
BERTY TILE HICKMAN LOCK 8 GLICK 1 S	//	.17	. 05	, 01	.01	.01	.01	, 05	.02	.01					.04										
KINGTON WB AIRPORT SERTY FTLE BICKMAN LOCK 8 SLICK 1 S RICON 3 SW RICON 3 SW		.05	.01	.01	.02	.07 .03 .08	.02	.01	.03	.01	.01	, 01		.01			.01	.09							
ISONVILLE 1 SE EHEAD STA TEACH COL IFORDVILLE		.00	.01	.01	.01	.01	. 02	.01	.02	.01		.01	.01	.01	.02	.10	.03		.12	.01					
NUCAB CAA NUCAH SCS NURSERY SEY LOCK 2 ITEVILLE WATER WORKS MARYS COLLEGE	6	.07	.02	.05	.01	.02	.01	.01	.02	.04	.01	.01	*	.18	.14	.01	.21	.27	.01	.03	.30				
THPIELD 4 S EERSET HIWAY DEPT EARNS HAM SPRINGS EPKINSVILLE		.01	.05	, 05	.01	.02	.01 .03 .04	.01	.01 .01	.02	.01	.01	.09	.05	.02		.01		.12	.01					
IPKINSVILLE IONTOWN DAM 49 LF CREEK DAM ODBURY LOCK 4	//	.04	.06	.02 .01 .01	.01 .01 .13 .03	.01 .01 .01 .03	.01	.01	.09	,02															
DISON DAM 4S BEOURVILLE WATER WES ROLLTON LOCK 1	11					. 01	.01		.18	.01				th-	•		.06	.11	.01						
RROLLTON LOCK 1 RTRAL CITY RSTANTINE RBIN CAA VINGTON W B AIRPORT	6		10		.01	.03				.03	. 01		.01	.01	.01	.01		.01		.01					
ELLA DEE BARRETTS FORD BR ONTON DS FERRY DAM 50 T LOCK 3 EYS MILL			.10	,02	.01				.01	.01	.01					,01			.02	.01	.07	.02			.01
DELBERG LOCK 14 RNDON GENVILLE HAT PARK	//								.01		,01			.01	.03	.05	.01	.31	.01				. 05		
KINGTON WB AIRPORT SLICK 1 S JISVILLE BOWHAN FLD JISVILLE STAN W B AP JISVILLE WB CITY												.02	.09	.10 .0S	.01										
SVILLE DAM 33 DDLESBORO RR STA	//						.08	.01	01							,31	. 28	.01			.01		.04	.01	
ENSERVE DAM 48 EVILLE USEY LOCK 2 MARYS COLLEGE (THFIELD 4 S MERSET BIWAY DEPT				.02	.23	.10	.00		.01	. 01	.01	.01			.01			.06	.01		.02	.02			.04
IONTOWN DAM 49 LP CREEK DAM													-12	th-			, 01	.17	. 22		.01				
TTER HARLAN WATER WKS LEA COLLEGE LROLLTON LOCK 1 LBIN CAA 'INGTON W 8 AIRPORT	//				.09	.09		.20	. 01	. 01		.79	. 21	.01	.01 .03 .01	.01		.04		.01		.21	,05		
ELLA MINGSBURG POST OFF T LOCK 3	//				.06	,21	.40	.01	.04	.01			* .02 .01	.05	.08	.01	.10 .56	.08	.01			. 64	.01		
DELBERG LOCK 14 KINS			.01	.12	. 02	.03	.02		.05	.20	.03	.18	.09	* .05 .27	.01	.01	٠	.37							
INGTON WE AIRPORT TYTE HICKAN LOCK 8 LLICK 1 S LDON 3 SW IISSY LLLE BOWMAN FLD IISVILLE BOWMAN FLD IISVILLE WE CITY SVILLE DAM 33 KINNEYSBURG				. 33	.05				.38	.06	.09	.07	.01			.11	.05	,64	.04						
DLESBORO RR STA			.01	.01	.02				.42	.03	.17	.00	.01	.58	.17 .05	.04	.05	.01							
LERSBURG LEHEAD STA TEACH COL VE HILL 1 NW LEVILLE LIEVILLE WATER WORKS MARYS COLLEGE THPIELD 4 S LEPOST BURNAY DELT		.09	.01					.01	.08	.01	.02	.01	.01	.02	.16	.13	.03	.17	.01	.01	•	. 79		*	. 31
MARIS COLLEGE YERSVILLE THFIELD 4 S ERSET BIWAY DEPT HAM SPRINGS		.09	.01						. 01	.01	.16	.0S .01 .21	.0S	,00		.01			.01					.17	
MERSET BIWAY DEPT THAM SPRINGS TONTOWN DAM 49 LP CREEK OAM				. 01	.01	.01												.01	.01						

See reference notes following Station Index,

KENTUCKY HEPTEMBER 1950

Table 4-Continued				_	-																			REPT	EMBER	1950
Station						A. 1	M. Hou	ır endi	ing			-						PI	M Hou	ur end	ing		-			Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	P
													-13	th-												. 05
RENTON I SW KENTUCKY OAW OLIVE HILL I NW			.01	.01								.01														05 01 02
PAOUCAH CAA PAOUCAH SCS NURSERY	6								*	٠	*	.01	.02	.05			0.0		.02							03
SALYERSVILLE													.02 -14	+h			.03	02	.02							, 09
BOWLING GREEN WB AP													1-1	111		.01	.01									.02
JENKINS KENTUCKY DAM LUCAS		*	*	•	٠	. 07						.02					. 03									.07
	8								*					.02	.01		.03									
PADUCAH SCS NURSERY PIKEVILLE TOMPKINSVILLE		.01	, 05	.01													.01	.01								.01
				8									-19	th-												
BARBOURVILLE WATER WES CARROLLTON LOCK 1																18							.13	.01		.18
CORBIN CAA COVINGTON W B AIRPORT	6								. 03							*	*	*	*		.02 .03 .58				. 03	.09
OAVELLA FLEMINGSBURG POST OFF HAZARD										. 02	.01									.01	.58	.59	.15	.07		1,28 .60 .07
HAZARD JENKINS									.03						.03					٠	٠	. 07	.83	.01	.12	.9€
JERKINS LEXINGTON WB AIRPORT LITTLE HICKMAN LOCK 8 LOUISA LOCK 3 MAYSVILLE DAW 33									,03	. 09					.00		.34	. 05	.01	, 15	,12				. 04	.48
MAYSVILLE OAM 33 MC KINNEYSBURG																					10.	.05	.01	.02	.01	.48 .32 04 .07
MATSVILLE UAM 33 MC KINNEYSBURG MILLERSBURG MOREHEAD 5TA TEACH COL DILVE HILL 1 NW PIKEVILLE																.01	. 48	.21	.05	*				.17	.02	
OLIVE HILL 1 NW PIKEVILLE SAGIEVILLE WATER WORKS																.01	. 98	.21	.85	, 35		. 69	.15		.11	.93
SACTEVILLE WATER WORKS 5ALYERSVILLE TATHAM SPRINGS																,08	.05	,01					.04	.05	.01	2.29 .93 .10 .40 .14 .08
WOLF CREEK DAM													. 03	7	.05											. 08
											57	72	-20	th-	. 51	. 50	.03	. 01								2.44
ADDISON DAM 45 BARBOURVILLE WATER WES				.01	.01						. 01	. 04	.35	,04	. 51	, 50	.00							. 11	.02	.02 .53
BEREA COLLEGE BOWLING GREEN WB AP CARROLLTON LOCK 1		. 02		. 01	.01	.01	.40	. 02		. 03								.01	.07					.02		.08
CENTRAL CITY CLINTON								.06		. 90	. 33	. 45	.04	.01	.03	.01	. 51		. 09	. 01						.08
CONSTANTINE CORBIN CAA COVINGTON W B AIRPORT	6					14	. 09			.90	. 33	. 45	,0%	.01		.01		*	*	*	, 13	*	*	.14	*	.49
DAVELLA DUNDER BARRETTS FORD BR		.02	.08	.01		.14	.03	.18									,02	.08	.05							.82
EONONTON FLEWINGSBURG POST OFF		.06	,92	,83	.07	.01	, 21	.10						.25	.05	, 01	,08	. 04	.01	.05	. 11				. 01	2.21
GEST LOCK 3 HALEYS MILL HAZARD			.01					. 01	.01	.01	. 09					. 02	1									.11
								.01			.07	.04	. 03	. 01	.05	, 04	.10	,09	.01	. 42	.02					.19 .69
HODGENVILLE NAT PARK JENKINS LEXINGTON WB AIRPORT		.22	.03	.13						.16	.11									1	.02	.15			.18	.56
LEXINGTON WB AIRPORT LIBERTY LITTLE HICKMAN LOCK 8	1/1										.04	. 01	.06	.01	.01		.01	. 01		.01	,02	,15		.01		.11
LITTLE HICKWAN LOCK 8 LOGLICK 1 S LORDAN 3 SW LOUISA LOCK 3 LOUISVILLE BOWMAN FLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY MAYSVILLE OAN 33 WC KYNNYSDIEG		.14	.01	.01	.02	. 11	.14	.15	.03	. 04	.12	.06	.01	. 01	.01	.07		.03	.42					,01		1.30
LOUISVILLE BOWMAN PLD LOUISVILLE STAN W B AP									.02	. 33	, 01	.01		.05	.02											1.30 .37 .07
LOUISVILLE WB CITY MAYSVILLE OAN 33 MC KINNEYSBURG		.01	.12	.31	.37	.01	.15	.16	.08	.04	. 01		. 01	. 05	.01	01				. 04						1.49
MC KINNEYSBURG MIOOLESBORO RR STA MILLERSBURG MOREHEAO STA TEAC 2 COL		.01		. 01	.18	, 03	.01	.05	. 21		.01		. 01	.01	.08	.01	4	*			٠	٠	*	*		.77
MOREHEAO STA TEACA COL BUNFORDVILLE OLIVE HILL 1 NW			•			*	*			4.37					.03		.04	. 01		.07		.03				.29 4.37 .18 2.54
OLIVE HILL 1 NW OWENSBORO OAM 46		.83	.16	. 24	.15	.10	.49	.22	.30	.02	.03			. 23												.07
OWENSBORO OAM 46 PADOCAH CAA PADUCAH SCS NURSERY	6	0.2	19	.08	.15	.07			.01	•	.02	•	. 01	. 23				. 39	.01							.03
PIKEVILLE SADIEVILLE WATER WORKS ST MARYS COLLEGE		.01	.01				.01	. 21	.01	. 03	. 02	.01	.01	.03		.01			. 01	.01	.05				. 11	
ST MARYS COLLEGE SALYERSVILLE SMITHFIELD 4 S	//	.02	.28	1.31	. 08	.01		. 02	.21	.05	.02					.02	.16	. 02		0.5	.04	0.2	10	01	.01	1.90
SOMERSET HIWAY OEPT STEARNS TATHAM SPRINGS					.01					.01	.04	, 04	. 09	. 07	.22	.01		. 02	,01	.05	. 02	. 23	.10	.01	.01	.09
TOMPKINSVILLE WOLF CREEK OAM WOODBURY LOCK 4					.01											. 51	. 20	.01	.06	.06	.08					1.90 .30 .74 .09 .24 .12
WOODBURY LOCK 4													21					. 07	.01							. 08
ADDITION OF TE	//										.16		-21	st-									. 11	. 04		.31
ADOLPHUS 1 N BARBOURVILLE WATER WKS	//												.08			. 07	.01							.03	.35	. 08
BAXTER HARLAN WATER WKS BENTON 1 SW													. 01	.52			.02						.01	.68	.43	.48
BEREA COLLEGE BOWLING GREEN WB AP	//	. 04	.01		.03	.01	.01	.02	.03			.10	.01	.01										. 16	.14	.25
ADOISON OAM 45 ADOLPHUS 1 N BARBOURVILLE WATER WKS BAXTER HARLAN WATER WKS BENTON 1 SE BERTA COLLEGE BOWLING GREEN WB AP CARROLITON LOCK 1 CENTRAL CITY CLINTON CONSTANTINE	//							.20			, 03	.02	.10	, , ,									.12	.16 .11 .01	.04	.61 .25 .66 .20 .14
CONSTANTINE CORBIN CAA COVINGTON W B AIRPORT	6		.01							.01	.01	.13	*	*	. 04				4		.02				. 80	1 98
COVINGTON W B AIRPORT DAVELLA OUNDEE BARRETTS FORD BR		.28					.02	.01	.03	.56	.06	. 30	.30	. 01	.02	.01	.08	.01							. 51	1.98 .89 .51
		. 27	.01	.01	ľ	. 57	.05	.01	.01				.05	. 70	.01						.01	.02		.01	. 21	.17 3.00 .04
FLEMINGSBURG POST OFF FORDS FERRY OAM 50		.21	, 20	.01					.01	.02	.01															. 04

See reference notes following Station Index.

Table 4-Continued							HO	UR	LY	PR	EC.	[PI]	TAT	IOI	1									cen	KE	NTUCKY
						A. 1	M. Ho	ar endi	ng									P. 1	M. Ho	ar end	ing			_552	LEEBE	
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
FRANLLIN WATER WORKS GEST LOCK 3 GEST LOCK 3 HE IDELBERG LOCK 14 HEFIDELBERG LOCK 14 HERMODN BODGENVILLE NAT PARK JENKINS KENTUCKY DAN LEXINGTON WE AIRPORT	//	.02	.01	.03	.01	.04	, 01	.05	. 02	.02 .01 .02 .01	.01	.01	.01	.01	.01	.03	.01	.02	.01		.01	. 05		.03	.09 .05 .25 .01 .07	.34 .17 .10 .37 .93 .09 .91 .57 .37 1.34
LIBERTY LITTLE BICKMAN LOCK 8 LOGLICK 1 S LONDON 3 SW LOUISA LOCK 3 LOUISVILLE BOWMAN PLD LOUISVILLE STAN W B AP LOUISVILLE WB CITY	<i>"</i> //	.01	.01 .01 .01	.05	.01	.49 .08 .02	.39 .01 .09 .03	.16 .10 .48 .22 .20	.02	.01 .01 .05	.06	.09	.09 .10 .01	.10 .07 .04 .13	.05	.01	1.59	.11	. 01		. 02		.ii	.01 .04 .21 .38 .15 .05	.02 .10 .07	1.34 .49 .81 .84 .78 2.46 .53 .16 .05 .59 .27
MAYSYILLE DAM 33 MC KINNEYSBURG MILLERSBURG MOREHEAD STA TEACB COL MUNFORDVILLE OLIVE BILL 1 NW OWENSBORG DAM 46 PADUCAB CAA DADMCAB SCS WITESERY	6	.04	.02	.08 .01 .58 .01	.16 .01 .01 *	.04 .02 * .61 .21	.01 .44 * .01 .01	.29	.01 .15 .43 *	.31 .22 .01 * .05 .40 .01	.07 .74 .01 2.56 .01 .07 .03 .03 .01 .15	.01	.01	.05 .01 * .61 .09	.16 .01 .02 1.03	.01 .01 .06	.01	.01		.02	, 08		.10	.18	.01 .10 .08	1.41 3.59 1.93 3.11
PROFILE WATER WORKS ST MARTS COLLEGE SMITHFIELD 4S SMITHFIELD 4S SMITHFIELD 4S SMITHFIELD 4S STEARNS TATHAM SPRINGS TOMPRINSYLLLE UNIONTOWN DAM 49	11	.01	.10	.01	.01 .34 .01	.09 .25 .13 .02	.17	.05	.01 .01 .01 .01	.02 .02 .02 .01	.18	.05 .01 .01 .04	.05	.01	.06	.42	.06	.01	.02	,02		. 03	.45	.01 .05	.07 .01 .25 .02 .10 .51	.32 .43 .31 .56 .72 .93 .31 .84 .32 1.40 .55 .15
ADOLPHUS 1 N BARBOURVILLE WATER WES BATTER HARLAN WATER WES BERTON 1 SW BEREA COLLEGE CARROLLTON LOCE 1 CLINTON CORBIN CAA	//	.04 .64 .01 .03	.02 .01 .19 .24	.12	.01 .06	.08	.04		.09				-22									.03				.02 .30 1.29 .01 .24 .04
COVINGTON W B AIRPORT DAVELLA DUNDEE BARRETTS FORD BR EDMONTON FLEWINGSBURG POST OFF GEST LOCK 3 HALEYS MILL HAZARD HEIDELERG LOCK 14 JENKINS DAM	//	.04 .16 .07 .06 .01 .03	.11 .01 .03 .01 .01 .01	.01 .01 .01 .07	.08	.04	.01	.05	.02	.02	.01				. 03	.01	.01	.02								.04 .47 .04 .17 .11 .08 .02 .18 .10 .48
LEXINGTON WE AIRPORT LITTLE BICKMAN LOCK 8 LOGICK 1 S LONDON 3 SW LOUISA LOCK 3 LUCAS MAYSVILLE DAM 33 MC KINNETSBURG MIDDLESBORO RR STA	// //	.36 .01 .23 .03 .79 .30	.04 .42 .01 .14 .01 .07	.01 .03 .06	.06 .18 .01 *	*		* .02	.03	.02	.01	*	:		*	.50										.04 .47 .04 .17 .11 .08 .02 .18 .02 .36 .10 .86 .10 .86 .10 .86 .10 .86 .10 .86 .10 .86 .10 .86 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10
WILLERSBURG MOREHEAD STA TEACB COL OLIVE HILL 1 NW PADUCAH CAA PADUCAB SCS NURSERY PIKEVILLE RUMSEY LOCK 2 SADIEVILLE WATER WORKS ST WARYS COLLEGE SALVERSYILLE SOMERSET BIWAY DEPT	6	.01 .13 .06	.07	.01 .03 .01 .01 .01	.01	.01	.15	.01	.01	.01	.01	.01			.01	.01										.01 .57 .01 .05 .14 .87 .05 .18 .03 .12
STEARNS TATHAM SPRINGS TOMPKINSVILLE WOLF CREEK DAM MAYSVILLE DAM 33	//	.01	.08	.02	.02	.01					.01	.01	.01	th-												, 03
ADDISON DAM 45 BENTON 1 SW BEN	// // 6	.09	.01	.17 .01 .06	.19 .01 .13 .04 .02 .08 .01 *	.06 .13 .11 .07 .01 .02 .03 .08	.04 .02 .02 .01 .02 .20 .17 .02	.22 .01 .01 .14 .03 .02 .19 .07 .07 .38 .01 .06	.01 .27 .01 .01 .04 .02 .02 .03 *	.01 .05 .01 .02 .06 .01 .01	.01 .01 .01 .01 .11	.01 .01 *	.01	.01						,01						.04 1.02 .06 .03 .68 .05 .40 .12 .13 .89 .30 .12 .40 .15 .35
CLINTON OWENSBORO DAM 48 PADUCÁB CAA RUMSEY LOCK 2	8	.01	.01	. 01	.01			.02	.11	.11	.05	; 01	-28 .01 .01	th- :01	•											.34

DAILY	TEMPER	ATURES

Table 5									D	ΑI	LY	T	EM	1PF	£R.	AT	UR	ES												61	EPTE	KEN	TUCK 195
Station																	of mo																eguze.
	Τ	3	2	3 85	4	5	6	7	8	9	-	76	75	13		15	16		18	19	20	80	22 75	23	66	25	26 78	27		29	30	31	Ave
NCHORAGE	MAX	87 71	78	69	62	72 50	78 51	69 54	75 57	74 64	74 63	63	61	57	75 52	48	51	79 53	52	63	66	68	58	76 54	39	36	40	53	77 53	53	58		76. 56.
SHLAND DAM 2	MAX	85 71	80 71	85 70	76 67	71 51	75 49	75 54	80 61	61	87 65	84 67	80 64	62	83 61	78 53	80 53	84 50	83 54	85 60	88 65	85 66	78 65	74 56	66 42	65 39	76 41	78 48	63 52	80 53	78 58		79. 57.
ARDSTOWN S J PREP SCH	MAX																					77 67	75 82	76 53	74 41	66 35	79 41	73 56	60 53	79 59	82 57		
EAVER DAM	MAX	87 71	78 72	86 89	81 67	73 53	76 50	72 54	78 57	79 65	72 64	80 64	80 83	80 58	73 54	73 48	78 52	82 58	85 55	88 83	86 87	80 70	75 81	79 52	88 41	71 38	77 47	71 58	76 57	78 54	82 61		78. 58.
ENHAM	MAX	90 72	83 67	82 70	88 65	85 58	72 45	75 53	72 58	83 57	78 82	84 62	80 59	70 60	78 57	77 58	78 58	75 53	80 48	82 55	82 60	85 80	88 59	70 58	74 45	70 34	68 35	80 38	78 45	77 50	79 54		79 55.
EREA COLLEGE	MAX	80 72	83 69	81 68	78 68	72 47	78 47	65 47	76 58	78 62	72 60	78 62	78 63	77 61	73 58	70 54	78 50	78 53	83 51	83 55	83 88	77 87	72 58	74 56	60 41	64 36	78 40	7¢ 55	81 58	78 58	80 58		76. 58.
OWLING GREEN WB AP	MAX	87 72	84 72	85 70	83 58	73 51	77 50	68 56	81 59	78 85	75 64	82 63	80 63	81 58	75 55	74 54	79 53	81 58	88 55	88 63	87 64	79 88	72 57	79 52	65 42	72 38	78 48	71 55	78 55	75 58	84 80		78 57
URGIN DIX DAM	MAX	85 87	83 70	84 68	89 65	72 49	77 47	76 54	75 62	78 85	78 62	80 60	78 82	78 59	77 54	72 52	78 51	80 52	84 50	85 82	82 68	78 68	74 82	76 55	40	68	79 38	77 53	82 50	78 58	82 58		78. 56.
AMPRELLSVILLE	MAX	87	78 68	83 67	80 64	71 50	78 47	66 52	80 56	80 63	77 62	79 60		79 56	75 55	73 51	78 50	78 52	83 53	85 60	80 64	78 85	73 81	77 54	87 40	73	79 44	72 55	79 51	78 58	83 58		77.
ARROLLTON	MAX	91 69	89 70	86	79	73 45	78 48	74 51	74 59	79 63	77	83	84	79 58	80 58	78 53		78 50	87	85 68	83		76 82	77 54	73 40	72	75 40	72 54	82	79 58	80		78.
ORBIN CAA AP	MAX	76 66	86	85 64	82	71 50	72	60	83	80	71 58	81	79 61	78 58	78 55	70	76 49	78 55	82	84	84 62	80	70	75 56	62	89	76 39	77 50	78 47	78 58	80		76. 54.
OVINGTON W B AIRPOST	MAX	86	77	81	71	70	74	71 52	66	78 61	73	76 64	72	74	70	71 51	76 48	77 51	78 55	82 65	80 65	78 82	66	72	52	65	78	68	81	77	80 57		74.
DANY ILLE	MAX	79	83	75 68	84 67	80 49	73 47	78 52	65	78	80	76 61	78 62	79	78 56	74 52	72	77 52	80	85 57	83	82 66	78 62	72	78	82	70	78 48	75 54	82 59	80		77.
ARMERS	MAX	80	79	84	76 65	73	72 45	71 52	69	30	79 62	80	78	78 59	78	72 53	74 49	74	80	83	81	79	75	72 57	71	64	71 36	73 47	77	77 56	85 58		78. 55.
ORDS PERRY DAM 50	MAX	62 78 70	69 76 67	67 85 70	80	47 72 54	45 75 53	52 73 57	57 75 58	62 75	62 72 63	63 80	60 81 64	79 61	57 77 56	53 71 54	49 77 56	48 79	85	56 88	64 85 70	65 82	63 75	57 79 55	41 72 45	36 70 40	36 75 52	47 74 58	48 76 60	56 73 57	58 81 63		55. 77. 80.
RANKFORT LOCK 4	MAX	79	88	76	66 85	78	72	57 75 52	70	70	77 54	66 75	79	78	80	75	75	61 80	78	64 84	86	72 82	62 80	70	78	57	68	78	76	83	80		80. 77. 55.
REENSBURG	MAX	68 77	71 85	62 77 69	65 82	52 79 53	51 72 50	52 75 52	65	53 80	54 79 64	63 75	63 80	61 79 59	55 78 59	52 74	52 70 53	77	80	50 83	62 86	68 82	63 74 62	70	76 44	36 63 39	36 70 39	41 78	53 73 54	54 78 57	58 77 60		55. 76. 58.
REENVILLE 2 W	MIN	77 69 83	71 80	69	70 80		50 76		57 80	73	64 70	63 80	63 81	59		53 73		56 82	54 ·	56	62 85	64 80	62 75	55				42	78		60		
BIDELBERG LOCK 14	MAX	70	68 83	69 82	80	72 52	49	70 52 65	58	78	83	63 78	61	57	72 53	49 75	78 52	58 76	55 81	62	66	68 78	60	78 51	74 42	72 37	78 47	75 57	58	75 55	60		77. 57.
ENDERSON 4 SW	MIN	76 67 79	66	68	68	70 51 72	73 46	54 72	70 57	62	72 61	61	77 64 79	77 61	78 60	54	74 50	54	51	83 57	79 63	65	73 64 75	73 55 80	73 44 68	65 40 70	72 41 75	74 51 72	77 52 78	76 57	76 58		75. 56. 78.
ICKWAN	MAX	68	67	69	61	52	52		58	66	63	65	66	59	74 53	74 50	53	56	55	65	68	71	61	53	42	37	49	58	60	74 54	74 81		58
	MAX	76 68	80 65	89 69	84 69	79 55	80 53	79 58	80 61	76 63	78 64	84 66	82 65	83 65	78 60	73 56	77 61	86 61	57	90 68	87 69	80 71	75 63	80 58	75	75 41	72 56	75 60	72 60	77 57	81 63		79 61
INDMAN SETTLEMENT SCH	MAX	80 64	84 69	65	85 68	80 49	71 45	74 54	62 55	71 60	84 62	83 64	81 61	79 61	79 60	76 56	70 50	75 51	77 51	81 52	80	82 63	77 65	69 54	74 40	61 37	69 39	.79 40	75 48	80 50	72 52		76. 54.
OPEINSVILLE 2 E	MAX	83 68	84 67	86 70	82 68	72 54	76 51	75 55	75 60	74 60	75 63	81 62	81 63	80 59	72 57	74 52	79 54	84 61	88 59	87 62	88 85	81 68	79 60	74 57	65 43	78 38	77 45	75 57	80 57	75 56	79 61		78. 58.
RVINGTON	MAX	85 72	77 71	83 72	79 62	71 51	71 51	70 53	76 58	75 65	75 64	79 64	77 64	81 58	75 52	72 48	77 51	78 55	84 54	87 67	78 67	79 69	75 60	79 53	66 40	70 37	76 45	69 59	77 56	75 55	83 60		76 . 57 .
EITCHFIELD	MAX	85 71	78 72	85 68	81 66	72 51	76 50	69 53	79 57	77 64	76 61	79 63	78 85	79 60	73 54	72 50	77 53	80 55	84 54	86 63	76 65	76 66	74 63	77 54	65 42	70 38	77 47	68 58	74 60	76 57	82 60		78. 58.
EXINGTON WE AIRPORT	MAX	85 69	74 70	83 69	76 55	69 48	73 49	67 55	67 60	75 63	75 62	78 63	75 62	77 59	73 53	71 52	75 51	76 53	82 54	83 64	80 67	76 65	70 56	74 48	56 39	68 37	78 42	75 58	79 53	78 61	78 58		74. 56.
OUISVILLE STAN W 8 AP	MAX	88 72	76 72	86 70	77 58	72 52	75 54	70 56	73 59	75 65	76 64	81 64	78 63	79 60	77 55	77 52	81 53	80 55	85 54	87 68	78 70	80 67	67 58	77 50	57 40	70 36	79 43	72 57	79 56	76 58	84 80		77. 58.
OUISVILLE WB CITY	MAX	86 71	76 72	82 71	74 58	71 53	75 55	69 57	72 60	73 66	74 64	78 65	76 64	77 60	73 59	72 56	76 57	77 58	82 59	85 69	76 69	79 68	68 61	75 52	54 42	68 41	76 47	69 59	77 59	74 62	82 62		74. 59.
OVELACEVILLE	MAX	78 68	78 65	86	80 67	72 55	75 53	72 56	68 56	72 64	74 63	80 65	80 63	80 60	75 55	71 50	76 56	80 63	86 60	88 65	84 68	80 70	77 60	78 52	70 45	70 38	71 52	72 58	73 59	73 55	80 61		76. 59.
ADISONVILLE 1 SE	MAX	81 70	80 67	85 69	81 64	73 52	77 50	73 53	78 58	75 65	70 63	80 64	80 64	79 58	75 54	73 48	79 52	82 58	85 54	87 68	85 69	80	77 62	78 55	72 43	73 36	75 47	74 58	77 59	73 53	83 57		78. 58.
AMMOTH CAVE PARK	MAX	84 58	81	84 67	79 56	70 51	74 45	72 40	78 45	75 63	75 62	81 59	78 62	79 55	72 52	71 37	76 48	78 41	83	84 51	84 63	76 56	75 48	75 40	74 41	68 33	76 43	71 55	76 50	75 50	80 58		76. 51.
ANCHESTER	MAX	89	90	87 66	85 70	73 51	78 46	65 54	75 54	82	76 62	84	80 64	80 62	78 62	74 57	78 51	81 56	85 54	84 59	85 62	78 65		77 56	86	69 38	77	79 48	80 50	80 56	80		79. 56.
AYFIELD 2 S	MAX	75 67	76 65	88 68	80 67	72 53	74 50	71 56	69 58	74 62	75 62	84 64	82 63	80 62	76 58	72 53	75 56	81 61	86 59	87 65	83 66	78 70	77 58	79 53	71 44	70 38	73 54	75	76 59	73 55	81 80		77.
AYSVILLE DAM 33	MAX	78 67	86 68	76 69	S0 65	74	70 47	74 47	70	72 61	80 63	77 63	81 65	75 63	76 54	73 51	70 49	75 49	76 53	81 55	83 63	82 87	78 61	69 51	72 42	54 41	63	72 43	70 51	78 54	74 57		74. 55.
IDDLESBORO	MAX	80	87	85 65	81	77 56	75 46	68 55	78 63	80 65	76 61	80 63	80	80 62	77	72 53	76	78 56	80 56	80 60	82	75 65	70 65	75	72 49	70 39	75 42	75 49	71 48	77 55	77 58		77. 58.
ILLERSSURG MIL INST	MAX	85	84	85	75	76	74 50	55 72 54	66	79	79	81	79	79	63 79	73	54 77	56 77 49	82	85	84	80	76	56 76	75	71	76	74	84	78	79		58. 78. 53.
OUNT STERLING	MAX	63 78	65 76	59 81	63 79	43 71 47	50 72 47	70 49	53 64	63 77	61 75	64 76	62 74	59 74	53 72	72	48 71	74	48 78	64 76	78	69 76	62 71	54 71 53	44 69	39 63 37	35 70 37	52 71	76	75	58 75		53. 73. 55.
URRAY	MAX	67 78 69	67 78	67	63 82				56 68	61 75	60 77	62 85	61 83	59 83	49 79	49 74	49 74	53	51 86	62 90	86	65 78	60 77	79	38		72	52 74	52 78 58	58 73	56 81		55. 77. 58.
WENSBO80	MIM		66	86 70	82 69	73 55	76 51	70 56	59	63 76	77 62 70	62	62 79	83 59	79 57	74 52 77	74 55	59	58	64 88	67	70	77 60 78	52	46	72 38 76	52	59 72		73 54	58		
	MAX	81 71	78 70	86 70	65	75 52	51	73 54	58	65	64	64	63	58	53	49	54	85 56	55	64	67	82 70	60	80 55	72 43	38	48	58	78 60	73 53	80		78.8 58.3

KENTUCKY

Table 5-Continued																														SE	PTEM	BER	1950
C																Day	of mo	nth															erage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
PADUCAH CAA AP	MAX		77 66	85 70	80 60	72 53	75 52	73 55	68 59	75 64	74 63	83 66	80 62	80 60	71 55	73 52	76 56	81 62	85 58	87 69	82 69	80 64	67 58	77 55	65 43	70 38	71 51	75 59	73 56	74 56	81 61		76.3 58.6
PADUCAH	MAX		82 67	78 70	86 66	84 52	81 54	76 52	72 58	89 61	75 64	78 64	81 64	75 60	80 56	80 52	72 55	78 57	82 58	88 61	89 70	86 70	81 61	81 56	78 46	65 40	72 42	71 58	74 60	74 56	73 56		78.2 58.5
PIKEVILLE	MAX	80 70	86 73	88 70	82 69	73 51	77 49	65 57	71 60	88 82	87 65	84 66	79 66	81 63	80 64	73 59	78 55	80 57	86 56	8 6 63	84 63	80 66	75 66	74 58	62 44	67 43	79 46	77 49	81 50	80 54	77 60		78.7 59.1
PRINCETON	MAX		80 65	87 69	82 67	74 54	78 51	73 51	72 56	77 64	80 63			82 59	72 54	75 48	80 54	82 62	87 56	89 63	86 65	81 70	76 60	80 51	68 44	74 36	72 48	77 58	78 57	74 53	82 57		78.5 57.2
RICHMOND E STATE COL	MAX	79 67	82 70	77 68	82 66	76 49	68 48	78 54	64 58	69 62	77 59	73 61	78 62	75 59	75 56	72 51	69 49	74 52	75 52	82 62	83 66	81 66	78 62	70 54	74 40	56 36	64 39	75 52	75 52	78 58	78 58		74.6 56.3
RUSSELLVILLE	MAX	86 71	84 72	86 69	82 70	75 55	76 51	73 58	78 59	75 65	76 65	82 64	83 63	80 60	78 59	73 54	78 54	80 62	85 57	86 66	87 67	79 70	76 62	78 55	74 46	72 38	73 42		78 57	75 81	82 59		79.0 59.6
ST JOHN BETHLEHEM ACAD	MAX	75 69	86 70	77 68	84 66	77 50	70 50	74 52	67 55	76 60	75 63	76 62	80 63	77 54	74 52	73 46	71 50	76 54	77 52	82 61	86 66	75 66	75 61	68 53	76 41	59 36	68 39	77 51	68 51	77 58	75 58		75.0 55.9
SCOTTSVILLE	MIN	85 68	83 62	88 66	83 65	73 56	76 45	72 52	81 54	77 61	78 59	82 58	83 64	83 54	77 55	74 48	78 47	82 53	86 51	86 59	78 60	78 65	77 57	80 48	65 41	74 34	76 41	73 48	78 52	76 56	82 58		78.8 54.6
SHELBYVILLE 2 W	HAX MIN	87 70	81 70	85 70	84 62	72 49	76 49	72 52	73 58	79 62	76 61	79 62	77 63	78 58	75 53	73 50	77 50	79 50	83 51	85 63	81 66	80 68	74 61	77 54	73 39	69 35	79 40	75 54	80 53	77 59	83 58		78.0 56.3
SHEPHERDSVILLE 2 NW	MAX		81 73	91 74	77 69	78 61	79 59	78 56	79 64	78 71	76 67	79 68	78 65	77 64	79 60	80 59	78 60	80 62	90 63	88 71	80 72	79 65	79 55	78 50	72 44	70 33	79 39	74 60	80 60	79 57	84 59		79.3 60.7
SOMERSET 1 N	MAX	79 72	84 70	84 71	81 68	72 54	74 51	71 57	82 57	79 64	74 63	81 59	79 62	78 60	76 60	72 54	76 50	79 56	83 53	84 61	82 63	78 69	73 65	76	67 45	69	76 40	77 53	76 50	79 54	79 55		77.3 58.4
WEST LIBERTY WATER WKS	MAX	78 70	83 71	88 67	85 70	77 51	71 51	76 52	68 59	69 61	83 65	80 65	83 62	80 64	78 61	76 55	73 52	77 50	78 49	79 50	84 65	83 66	80	69 48	66 41	52 40	61 38	70 39	75 50	79 53	78 56		76.0 55.9
WILLIAMSBURG	MAX	78 63	88 70	84 61	80 68	73 55	74 48	71 56	83 57	81 64	74 57	80 62	80 64	80 62	75 62	70 57	75 54	79 57	82 57	84 61	84 62	78 67	73 54	75 58	68 48	71 39	75 42	75 52	72 51	78 56	76 58		77.2 57.3
WILLIAMSTOWN	MAX	85 68	81 69	78 70	85 59	67 48	70 49	70 53	65 57	78 63	74 62	79 63	74 61	74 61	73 54	68 51	70 54	72 51	77 53	82 64	79 67	78 67	73 61	70 54	69 38	59 37	71 42	80 54	77 56	75 58	77 59		74.3 56.8
WOLF CREEK DAM	MAX	82 72	84 73	88 70	87 73	85 55	75 49	80 55	63 61	85 64	80 57	79 65	84 66	82 70	84 65	79 58	75 55	81 58	84 58	85 61	86 61	87 68	80 72	73 60	80 47	68 39	76 46	79 58	82 57	82 60	80 62		80.5 60.5
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## EVAPORATION AND WIND

rable 0																																	
Pa II																	Day o	of mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	.30	31	Total or ave
BURGIN DIX DAM	EVAP	.03	. 10	-	.08	.22	.13	.16	.02	.06	.03	. 04	.10	.08	.11	.09	.08	.10	.12	.11	.11	.12	.06	.12	.11	. 13	. 02	.08	.07	.08	.07		B2.72
WOLF CREEK DAM	EVAP		.04 24	.18		. 23 17	.22 30	.17 14	.00	.09	.10	.08	.15		.12 18		.01	.14	.13	.13	.13	.06	.08 28	.07	.18 19	.24 16	.11	.07	.10	.07	.06		3.86 329

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Station	Index No.	County	Dramage:	Latitude	Longitude	Elevation	Temp. Temp.	ion	Observer	Refer to tables		Station	Index No.	County	Dramage;	Latitude	Longitude	Elevation	valor time	Observer	Refer to table	
INDISON DAM 43 EDOLPHIN I N ILLEN ENCHONAGE ESSCHONAGE	0031 0043 0098 0135 0248	ERECEINNIDGE ALLEN FLOYD JRFFRRHON PIKE		37 55 36 39 37 35 38 18 37 16		65D	7p	TA HA T HA	CORPR OF RHCIMERSS FILL N DESHING HANNIF AUXIEN - E MARKEI MARY N RATLIFF	3 4 3 4 3 2 3 5		LOUISVILLE BYAN WE AP LOUISVILLE BOWAR PLD LOUISVILLE BYAN WE AP	4882 4893 4942 4951 4954	CLARE LAUREL LAWRENCE JEFFETHOON JRFFRRBON	4 2 1 7 7	27 51 17 66 18 07 38 13 38 11	84 Up 84 Up 82 37 83 40 85 44	0.5E 4H.5	MID BI	DUSTER SERVICE DUSTER SERVICE DUSTER SEE DUSTER SEE DUSTER SEE DUSTER SEE DUSTER SEE DUSTER SEE SEE DUSTER SEE SEE SEE SEE SEE SEE SEE SEE SEE SEE	3 6 3 6 3 6 3 6 3 6 2 3 4	
SSLAND DAM 28 ARBOUNVILLE WATER WER LERDS TOWN MATEN MARLAN WATER WRS LEVER DAB	0381	BOYD RNUX RESON MARLAN OBTO	7 2 3 3	18 27 36 52 37 48 38 51 37 28	82 38 83 53 85 28 83 20 88 52	534 1000 637 441			CORPS OF ENGINEERS JUIN R WHARTON MEN POPE SISCO CYRUS S LAYSUN E G YOUNG	2 5 6 3 4 2 3 4 2 5 5	7	LOUISVILLE UPPER GAGE LOUISVILLE WE CITT LOVELACKVILLE LOVAS MABISONVILLE 1 GR	4958	JRFFEHSON JEHERSON HALLARD DARREN HOPKINS	7 8 3	37 18	87 29			A US ENGINEPRN THE REATHER BUHEAU TO BLUIRE MALOWE TO CTO'LL N DEITY A J B NC COY	2 3 4 5 2 3 4 2 3 4 2 4 5	
GENERAY IS-NTON IRRHER COLLEGE BERER WATER BORRS BOSTON 2 SW	0611 0619 0679	HABLAN MARNHALI MANISON MANISON MELSON	9 4 4 R	37 34 37 34 37 46	63 37 88 31 84 18 84 16 85 42	1070 1100 430	8A 6P	BA HID GP 7A BA	C C ENTTEARER WILLIAM NELSON JAMES A GROSSMAN MRS L N OAFFARD MRS PAULENE COY	2 3 3 4 2 3 4 5 3 3 3	7	MAMMOTH CAVE PARE BANCHENTER MAYFIELD SUBSTA WAYFIELD 2 S MAYSVILLE OAM 3J	5110 5230 5232	EIMONSON CLAY GRAVES GRAVES MARON	6 6 7	38 44 3- 42 38 3E	N6 06 N3 48 N8 3W NR 3N R3 42	384 384 524	5P 5 6A, 8	P NATIONAL PARR SYC A EARL HOPAKD TYA F WE'S JOE PAYNE A CORPE OF ENGINEERS	2 3 5 2 3 5 3 2 3 0 2 3 4 5	7
OBLING GREEN CORLING ONERN SUBSTA CORLING GREEN WB AP REXET DAM 36 CORESVILLE LOCK #	0971	WARREN WARREN CAMPDELL LUMOVSON	3 3 7 7	7 00 37 01 36 58 39 03 37 12	88 26 88 26 84 25 86 16	538 470 535 489 410	MID	MID	JAMES R EOWARDS TVA US WEATHER BURKAU CORPS OF ENGINEERS CORPS OF ENGINEERS	3 3 2 0 4 8 3 3	7	MC EINNETSBURG MIDDLESRORD MID	5394 5407 -430	PERDLETOR RELL 0ELL WOOOPORD BOURDON			84 18 83 43 83 43 84 47 84 09		3P MI MI 5	AMANGA A AULICE DINGS ALLEN DITANT M TALIAPTERO DIGIN & MEGINT A W T ALEXANING	3 4 2 3 5 3 4 3 4	7
NUMBER DIX DAM NURRE DE LA DIX DAM NURRE DE LA DIX DAM NURRE DAM DIX DAM NURRE DAM DAM DAM NURRE DAM DAM DAM NURRE DAM DAM	1158	WERCER PULASEI TRICG TAYLOR CARROLL	4 2	37 48 36 19 .6 46	84 43 84 37 87 58 85 21 85 11	770 703 424 777	4P CP	7A 7A 6P	C W WILLIAMS SARAH E LEWIS CORPS OF ENGINEERS ALVA MK KINLEY CORPS OF ENGINEERS	2 3 5 6 3 3 3 5 3 4		WILLERSTOWN MONTICELLO MONTICELLO MOUNT STERLING MUNFORDVILLE	5438 5524 5555 5840 5684	ORAYSON WAYNE NOWAH MON'TGOMERY MART	3 2 5 5 3	37 27 36 50 38 11 36 03 37 16	N8 03 R4 31 F3 28 83 37 85 53	380 910 770 830 800	5P 5	A WAS O M LAWLER A E O COOPER O M C HAGGAN P FRED CARTMIN. A NUMERT E HODGER	3 3 3 4 2 2 5 3 4	
CENTRAL CITT WATER WES TLINTON TOLLEGE RILL LOCE IT TOLLUMBIA TONSTANTINI	1704	WUSIELEN UKRG HICKMAN MADISON ADAIR BRECKINKIDGE	3 6 4 3 3	37 19 30 41 7 47 . 06 37 40	87 07 89 35 84 06 85 18 86 14	729 500		W10 W10 7A 7A W10	WILLIAM A DATES WOODSON O FRANKLIN CORPS OF ENGINEERS WRS HAZEL B PICKETT ERS CLEDNIE L SHARP	3 4 3 4 3 3 3 4		SURBAT OLIVE RILL 1 NB OLNEY OMNOMIA OAM 35 OWENSDORO	8012 8020 6033 8091	CALLOWAY CARTER HOPKINS CAMPBELL OAVIESS	7 7 7	38 18 37 13 38 58 37 46	86 20 83 11 87 47 84 18 87 09	752 380 497 420	8	P MURRAY WATER SYSTEM D LOTTA ORA SOOPER A ART O WILLIAMS A CORPS OF ENGINEERS A YINGIL P CLARK	3 J 5 3 4 2 3 2 3 5	7
CORBIR CAA AP CORNIR WATER WORKS COVINGTON WE FIRPORT CYNTHIANA DANVILLS		WHITLEY WHITLEY EENTON HARRISON BOYLE	2	36 58 36 57 39 64 38 23 37 39	84 UE	1170 70 569 681 955	WIO WID 7A	7A WIO 7A 7A	CIYIL AERO AOM CORDIN WATER WORKS US WEATHER BUREAU MARSHALL WILL R P COLDINON	2 3 4 5 3 2 3 4 5 3 2 3 5	7 7 7	OMENSRORO OAN 46 PADUCAR PADUCAH SCS MURSERY PAOUCAH CAA AP PAINTSVILAE	6096 6115 8117 8110 6136	OAVIESS MC CRACKEN MC CRACKEN MC CRACKEN JOHN SON	7 7 7 1	37 47 37 06 37 04 37 04 37 49	87 08 86 37 88 35 88 48 82 48	104 340 410 820	6A 8 7P H1 M1D H1	A CORPS OF ENGINEERS A VESTERN P LACKEY O SOIL CORS SERVICE O CIVIL AREO ADM A JESSE FAIRCHILD	2 3 4 2 3 4 2 3 4 5 3	
DAVELLA DELPETA 1 E DENA DENOR HARRETTS FOED BE MINIOR	2132 2139 2358	MARTIN PERRY ENOTT OBIO MUNLENDERG	1 3	37 4R 37 02 37 25 37 30 37 93	82 32 83 07 82 48 88 43 67 00	850 430		M10 5P 8A 7A 7A	RERTHA DE LONG RALPH R OEALL HATTLE 8 BARNEY J L HUFF N O GIVENS	3 4 3 3 3 4 3		PIKEVILLE PINEYILLE PLEASUREVILLE 2 3 PRINCETOW RAVENNA LOCK 12	6384 6435 8375	PIKE BELL SHELBY CALDWELL ESTILL	1 2	37 29 38 45 38 20 37 06 37 40	62 31 83 42 65 07 87 53 63 57	666 999 882 528 631	5P 5	P US WEATHER BUREAU A F PARTIN A E E MORGAR P ALTON M HARVILL A CORPS OF ENGINEERS	2 3 4 5 3 3 2 5 5	7
DEDNYILLE LOCK F EDDYVILLE LOCK F EDWONTON ELIZADETHIONN FALMOUTS	2445 2469 2510	CASET LYON WETCALFE HARDIN PENDLETON	3 3 3 5	37 13 37 03 37 00 37 42 38 40	84 58 88 05 85 37 85 52 84 20	420		8 A 7 A 7 A 7 A 8 A	CORPS OF ENGINEERS JOHN & MORAN ROBERT & SEPILE JESSIE OLDRAM	3 3 3 4 3 3		RICHMOND E STATE COL RUMSET LOCK 2 ROSSELLVILLE RUSSELLVILLE SUSSTA SADIRYILLE WATER WORKS	8803 7039 7049 7054 7074	MADISON MC LEAN LOGAN LOGAN SCOTT	3 3 4	37 32 36 51 36 56 38 23	R4 18 87 16 86 53 86 54 84 32	384 390 576 890		A TRUMAS C BERNDON A CORPS OF ENGINEERS F WH. B. PURTER TVA D RICHARD E ZEYSING	2 3 5 3 4 2 3 5 3 4	
PARMERS FIRMINGSBURG FIRMINGSBURG POST OFFIC FORD: LOCK 10 FORD: FERRY OAW 50	2953	ROWAN FLEMING FLEMING MADISON CRITTENDEN	3 5	38 25	83 43 83 43 83 44 84 13 88 06	870	6P	7A 111 6A 6A	BYRON F FLEMING HAURICL O CARPENTER CORPS OF ENGINEERS CORPS OF ENGINEERS	2 3 5 3 4 3 2 3 4 3	7	ST JORN RETRIEBEM ACAI ST MART SALVISA LOCE 8 SALVERSVILLE SCIENCE FILL	7096 7121 7129	HARDIN MARION MARCER MAGOPFIN PULASKI	2	37 11	85 59 85 21 84 49 83 04 84 39	1000	6P 6	A SISTER 8 H GSELL D ST MART COLLECE A CORPS OF ENGINEERS O J M MAY P WILLIAM 8 DORES	2 3 5 3 4 3 3 4 CLOSED 8,	7
FRANKFORT LOCK 4 FRANKLIN WATER WORKS FRENCHBURG BEORGETONN WATER WORKS BEST LOCE 3	3036 3052 3194	FRANKLIN SIMPSON NENIFEE SCOTT HENRY	5 4 4	38 25	86 34 83 35 84 33 84 53	69I 930 880 490	GA	7A 5P 8A 7A	CORPS OF ENGINEERS SESSEAN D NEAL FRENCISHING SCHOOL JOE W ATKINS CORPS OF ENGINEERS	2 3 5 3 4 3 3 4 3 3 4	7	SCOTISVIGE SEREE WATER HORES SELBYVILLE 2 SICTPHERDSVILLE 2 NW SWITHFIELD 4 S	7234 7324 7334	ALLEN WEBSTER SHELBY BULLITY SHELBY	3 3 8 8	36 45 37 36 38 13 38 00 38 20	86 12 87 32 85 16 85 44 85 16	770 360 825 450 662	6P 1	P MOBLE ALLEN P SEBREE FATER FORKS P VILLA 3 A RATIA A RICHARD L. BLISSETT O F W SIMPSON	2 3 5 2 3 5 2 3 5 3 4	7
GLASGOW DODMAN AFBU FT ENOX DRANT OAW 36 GRAYSON DREENSBURG	3280 3358 3391 3430	BARREN BARDIR BOONE CARTER OREE	3 7 7 7 3	37 00 37 54 38 59 38 19 37 16	85 58 85 58 84 49 82 57 85 36	780 506 589 581	5P 7.8		US ATE PONCE CORPS OF ENGINEERS SHIRLIY I STATEN MRS MELL M LINGLE	3 4 3 2 3 5 2 3 5		SOWERSET HIWAY DEPT SPRINGFIELD STEARNS SUMMER SHADE SUBSTA TATHAM SPRINGS	7804 7677 7305	PULASKI WASEINGTON MC CREARY METCALPE WASHINGTON	8 2 3 8		85 14 84 29 85 40 85 09	736 1420	341 341	D ROSCOS RIERCE A WE H COATLET O MRS WILLIE LEE RERI TYA O B C OEDMAN	3 4 3 4 3 4	
GREERSBURG BIVAY 61 BR GREENVILLS 2 W MALRYS WILL LAWFORD 6 N	3435 3443 3453 3531 3652	GREENUP GREENUP WURLENBERG CHRISTIAN ORIO	3 3 3	37 15 58 37 37 12 37 03 37 32	85 36 82 51 87 11 87 26 86 54	581 540 519 740 540	Sp	7A 7A 5F NIO 6F	FM. A. PICKETT CORPS OF ENGINEERS C B LOVELL CLEATUS E BRINKLEY F E CARSON SB	3 2 3 5 3 4 3		TAYLORSVILLE TOMPEINSVILLE TEL OFF THRUST CREEK SCHOOL TYRONE LOCE 5	8065	SPENCER MONROE MONROE TRIGG ANDERSON	8 3 9 4	38 02 36 42 38 42 36 45 38 02	85 21 85 41 85 41 88 65 84 51	485 899 899 350 52	141	A MRS EATURYN S CARR D JAMES T PEILPOYT A MRS ALICE H RALE TYA A CORPS OF ENGINEERS	3 4 3 3 3 3	
RAZARD KEAPQUARTERS KEAPELDERG LOCK 14 KEANIRSON 4 5% KERNDON	3741	PERRY MICHOLAS LEE HENDERSON CHRISTIAN	4 5 4 7 2	27 13 38 24 37 33 37 47 36 44	83 11 94 01 83 44 87 31	809 7 860 8 663 7 J82	6P 6P	HIC GE SA GE	H A BAILET MES G L JENNINGS CORPS OF ENGINEERS FRANE STREET C W KEATIS	3 4 CLOSEO 6/50 2 3 4 5 2 3 5 3 4	7	UNIONTOFN DAM 49 VALLEY VISW LOCK 9 VANCERUST OAM 32 VAINESBURG 6 Z WEST LIBERTY WATER WES	8246 8259 8486	UNIOR MADISON LEWIS LINCOLN MORGAN	7 2 5	37 46 37 51 38 38 37 22 37 55	84 26 83 21 84 34 53 15	571 525 1315		A CORPS OF ENGINEERS A CORPS OF ENGINEERS A COMPS OF ENGINEERS A FRANC ODECK A JOHN T TURNER	3 4 3 3 3 2 3 5	
HICESVILLE HIGH BRIDGE LOCK 7 BINDMAN SETTLELINT SCH BODGENVILLE NAT PARK BOPKINSVILLE 2 F	3831	GRAVES JESSAMINE KNOTT LARUE CORISTIAN			88 30 54 11 82 50 85 40 87 20			6,4 8,1 W10	TVA CORPS OF ENGINEERS ELIZABETH WATTS ERNEST L. WRIGHT W K HORRIS	3 3 2 3 5 3 4 2 3 5	7	WILLIAMSBUBG WILLIAMSTOWN WILLOW LOCK IS FOLFE CREEK OAM WOODBURY LOCK 4	8706 8714 8726 8807 8824	WHITLEY GRANS LEE BUSSELL HUTLER	2 5 4 2 3	36 44 38 35 37 36 36 53 37 11	84 10 84 34 80 30 85 08 86 38	939 943 646 616 504	6P 6P 8A	A CHARLES B WEST A KISS N 8 SIMPSON A CORPS OF ENGLINEERS A CORPS OF ENGLINEERS A CORPS OF ENGLINEERS	2 3 5 2 3 5 3 4 2 3 4 5 3 4	6 3
HYDEN IRVINGTON JACKSON JENKINS JENENS WATER WORKS	416: 410: 423: 424:	LESLIE  BRECKERRIDGE  BREATHFIT  LETCHER  LETCHER			83 2 86 1 63 2 82 3 82 3		75	7/	P MES FOREST CAMPBELL P FLOYD G ROBBINS ("ME & W GILLESPIG A SIBBERT ELEINS BILLNE L. WILLIAMS A BEE SUSAN F 150N	3 2 3 S 3 3 4 CLOSED 9/50	7	NEW STATIONS HAZARD WATER WORKS WILLERSBURG MIL. INST SOMERRET I N CAMBULITOR RICHARD	7510 1340 3816	PEERT LOURBON PULASE! CARROLL FULTON			63 11 84 09 84 37 85 10 85 12 85 28 83 19		5P 6P 6	A PURCEELL MUNCT P MILLESEURG MII.IN: B RADIO STA WEFG P ODD FELLOWS CHEETES P EENTHCEY WIR. SERV.C	23 5 723 5 023 5	
JEREMIAR EERNE 2 N EERNTUCKT OAM LANCASTER ICE PLANT LAURA	4361 462 464	JESSAUNE LIVINGSTON GARRAND MARTIN	9 4	37 58 37 01 37 37 37 45	84 3 88 1 84 3 82 2	6 362 5 1032		7/ 8/ 8/	A TYA A KENTUCKY UTIL CO A JAMES A PIELD	3 4 3 3		SARDSTOWN J PREP SCR VANCEBURG	0397	MELSON LEWIS	8	37 48 38 38	85 28 83 19	637 520	5P 6	P ST JOSEPH PREP SCB. P CITY OF VANCEBURG	23 5	
LEITCHFIELD LEXINGTON WE AIRPORT LIBERTY LITTLE EICEMAN LOCK 6 LOCKPORT LOCE 2	474	GRATSON FAYETTE CASEY JESSAMINE HENRY	3	37 29 38 02 37 21 37 45 36 28	86 1 84 3 84 5 84 5 84 5	6 979 5 560	NIC	7 M10 71 74 6	A GEORGE O LITSEY O US WEATHER BUREAU A PALLIA L EANILA A CORPS OF ENGINEERS A CORPS OF ENGINEERS	2 3 4 5 3 4 3 3 4 3 4	7	1 ORAINAGE COOE: 1 Bi	Sand log 8	iy; 2 Cumheri Smlt; 9 Tenn	and:	3 Gree	en; 4 K	entuci	y; 5 L	icking: 6 WiccimelppI		

#### REPERENCE NOTES

The four digit identification numbers in the index number column of the Station index are assigned on a state basis. There all he no duplication of numbers within a ctate.

Figures and letters following the station name, such as 12 SSV, indicate distance in miles and direction from the poet office.

Delayed data and corrections will be carried only in the Junc and December issues of this bulletin.

Monthly and easeons: "nowfall for the preceding 12 months will be carried in the June issue of this hulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this immu-

Oless otherwise Indicated, disensional units used in this builetin are: Temperatures in '7, precipitation and exporation in incles, and wind nurseant in s')es. Emperature is the student Factor Eurem type pan of 4 foot disenter unless otherwise shown by footnote following Table 6.

Sleat and ball were included in snowfrll averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown Amounts in Table 3 are from non-recording gages, unless otherwise Indicated.

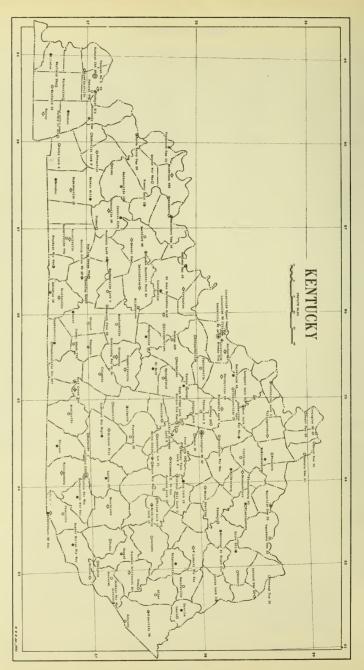
Associate in Table 3 are from non-recording pages, unless otherwise indicated.

Note to Table 2, 5, 6 and searful fairs in Table 7 are for the 3 hours coding at time of observation. See the Station Index for observation time.

The record in Table 7 is at the servation time for all except feature forecasts of the stations across ground which are at 7.00 p.m. E.S.T.

The record in Table 2, 4, 5, 7 and the Station Index. No record in Table 2 and 5 is indicated by no entry. Each bowely proriging or accommission for servations, and the station in Table 4 and the station in Table 5 and the station in Table 5 are for a secondary in the station in Table 5 are for a secondary in Table 5 are for a seco

Subscription Frice: IS cents per copy, mosthly and annual. 81.30 per year. (Yearly subscription includes the Annual Summary.) Checks, postal notes and scory orders should be made payable to the Transver of the Onited States. Remittances and correspondence regarding subscriptions should be cent to the Writher Accords Processing Center, 400 Pec Office Sublices, Catatingons 2, Francesce



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U. S. DEPARTMENT OF COMMERCE CHARLES SAWYER, Socretary WEATHER BUREAU F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

KENTUCKY

OCTOBER 1950
Volume MLV No. 10



#### KENTUCKY - OCTOBER 1950

O. K. Anderson, Section Director - Louisville

#### WEATHER SUMMARY

For the first time since May of this year the average monthly temperature exceeded the normal. There are only five months of this name where average temperatures have been higher. Precipitation was below normal for the first time since April. The generally dry weather with the abundance of sunny days was nearly ideal for the curing and harvesting of crops. The radical change in weather conditions from the previous months enabled farmers to progress rapidly with their tasks.

Temperatures in October were quite in contrast to previous months. For the first time in five months the average temperature was above normal and it also was the sixth highest on record. Subnormal readings were recorded in only a short interval beginning with the tint and ending with the tenth. Daily readings during the last week of the month saw plus departures of more than 15° from the normal with record maximum temperatures for the day set on the last two days in several locations. The highest temperatures throughout the state occurred either in the middle or at the end of the month. The lowest reading was recorded generally on the 5th in the western portion, on the 26th in the central, and either on the 13th or 26th in the east. All sections reported plus departures from the normal. The mean temperature for the state was 62.4° which is 3.9° above normal. The monthly mean temperature ranged from 66.7° at Hickman to 59.4° at Maysville, Dam 33. The highest temperature recorded in the state was 90° at Owensboro and Wolf Creek Dam on the 17th, and at Princeton on the 16th. The lowest was 50° at Shep-herdsville 2 NW on the 26th.

A radical change also took place in the amount of rainfall in the state. For the first time in six months, the average precipitation was below normal. There was generally an equable distribution throughout the state although there was a marked difference in the amounts received at isolated stations. All sections reported negative departures from the normal with only a few locations receiving more than their normal amounts. The average precipitation for the state was 1.77 inches which is 0.87 inch below normal. The total rainfall so far this year is 55.99 inches against a normal amount total of 45.17 inches. Comparing all the precipitation so far this year, against amount amounts of previous years, we find that it is the third wettest at the end of October. The total amounts recorded this month at the various stations ranged from 4.47 inches at Edmonton to 0.59 inch at Woodbury Lock 4. The heaviest rainfall reported in any one day was 2.80 inches at Edmonton on the 23rd.

Because of the generally dry warm days and low relative humidity, farmers were able to see progress in their activities of curing and harvesting of crops. Surface soils in some spots were beginning to get a bit dry by the end of the month, but there were adequate supplies of subsoil moisture. Fall seedings were well advanced and in good condition. Barley and rye were up and already covering the ground and wheat growth was making rapid progress except in a few dry spots. The stripping of tobacco progressed rather well and much of the crop will be ready for sale when the marketing season opens, notwithstanding the poor curing conditions earlier this fall. The yield of tobacco is not as good as last year, but there was improvement over the indicated production last mooth. By the end of the month, harvesting of corn was well advanced and in spite of some spoiling in the fields, losses were not running as high as anticipated earlier. Yields, although nearly a complete failure for some individual farms, are generally above the October 1st estimate. Considerable combining of soy beans was taking place with yields per acre being better than that indicated last month. Water supply was adequate. Pastures were deteriorating but still generally in good condition. W.S.

#### ACENOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin earlies contains records from Nydroclima tic Network Stations which were formerly reproduced in the Nydroclima tic Network Stations which were formerly reproduced in the Nydroclima tic Network Stations which produce continuous records of precipitation. It was established in 1593 at the request of the Orps of Engineers, Department of the stablished in 1593 at the request of the Orps of Engineers, the orps reproduced of rainfall intensity which were essential to the sin order to provide records of rainfall intensity which were essential to the sin order to provide records 2,000 recording, and 1,000 non-recording rain ages, has been maintained by the Corps of Engineers. This Network, now numbering shout 2,000 recording, and 1,000 non-recording rain ages, has been maintained by the Orps of Engineers. These transfers averaged about \$20,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred shout \$20,000 per year to provide ferred shout \$25,000 per year to meet the increasing needs of their program in the Westers States.

Previous to the introduction of this bulletin series, data from procelessive betwook stations ever presented in bulletin (precision multiple) which were insued southly for each of 8 drainage areas sabracing the entire United States, but eince the Network was established to seet the internal require-public discessination of the data, distribution being limited to cooperating sensice and to certain public repositories. A list of locations where reference the set of the processing of the processing the procesing the processing the processing the processing the processing t

Many other records published in this hulletin have been made available through the cooperation of various public offices, private agenciee, and individuals as lieted in the Station Index.

## SUPPLEMENTAL DATA

KENTUK K

	Wind	lirection		Wind m.	speed p h		Rulati	ve hum	dity ave	rages		Numl	our of da	sys with	precip	Itation			unset	E
Station	Preveiling	Percent of me from prevaining	Average	Fastest	rection of fartest mile	Date of fasteert mile	12;30 a EST	6:30 a	12:30 p EST	6;30 p	Trace	01-109	10-49	8099	1,00-1.99	2 00 and over	Total	Freeze a postible sunshine	Average aky cover subrise to s	Degree da 65° base
EXINGTON WE AP	SSW	18	9.1	-		-	82	88	54	72	0	1	1	2	0	0	4		4.4	See Table 2
OUISVILLE WB AP	N	14	7.5	29	NW	12	82	89	51	88	0	3	0	1	0	0	4	76	4.7	14

### ATA

COMPARATIVE	DA

Temperature

1.36 1.24 1.71 1.10 4.19 2.42 2.29 1.57 2.34 2.22 0.52 4.95 1.51 2.97 0.71

2.11 4.45 3.71

Year

52.0 55.7 54.8 57.3 56.4 58.6 52.2 55.8 63.2 57.1

61.3 64.5 58.1 60.1 57.7 57.2 57.0 56.9 55.5 57.1

2	ecipitatio	n			Te	mpetu	0	Pa	ecipitatio	n	
	Average	No. of days .01 or more		Үөлг	Average	Highest	Lowest	Average	Average snov all	No. of days .01 or more	Y
	-	-		1912 1913 1914 1915 1916	59.5 56.9 59.7 60.6 57.6	92 97 91 90 97	25 23 22 27 24	1.42 3.55 5.10 3.40 2.59	0.0 T 0.0 0.0	4 9 9 6 6	1
	0.0 T	5 4 5 4 10		1917 1918 1919 1920 1921	51.1 62.3 65.6 61.0 57.1	90 91 98 93 90	20 32 35 24 24	3.18 3.81 7.99 1.64 2.31	0.1 0.0 0.0 0.0 0.0	7 10 15 4 6	1 1 1
	0.0 0.0 0.0 T	5 5 4 5 5		1922 1923 1924 1925 1926	60.2 56.5 61.1 52.9 59.3	96 89 91 88 94	25 19 24 13 25	2.28 1.68 0.27 7.09 5.96	0.0 0.2 0.0 3.2	6 5 1 11 11	1
	0.0 0.0 T T	2 9 7 6 3	-	1927 1928 1929 1930 1931	60.7 61.' 56.4 55.8 62.0	92 95 85 94 93	27 21 25 16 28	2.61 3.93 3.65 1.33 3.01	0.0 0.0 T T	4 8 8 6 8	PI
	0.1 0.0	6 6		1932 1933 1934	56.8 57.4 59.5	85 88 88	24 23 22	3.31 2.05 0.88	0.0	7 6 4	

	Te	mperatu	re	Pi	recipitatio	n a
Year	Average	Higlest	Lowest	Åv tage	Average	No. of days .01 or more
1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1949 1950 PERIOD	59.5 58.5 55.7 60.9 60.4 64.0 58.7 56.7 57.5 56.7 56.7 64.3 54.7 61.8 62.4 58.5	91 88 93 95 95 95 93 88 89 90 91 92 92 92 92 92 90	22 24 17 24 23 25 27 18 21 23 23 27 27 27 27 27 30	2.51 3.47 4.27 4.27 0.48 2.09 0.74 4.25 2.81 1.67 1.31 2.04 2.38 2.20 2.45 4.53 1.77 2.64	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	8 9 12 2 6 4 11 8 7 5 5 6 6 6 12

				Temp	erature		,	,				,		Precipitati	non				
C		79					days	No. o	of days		78	, a		Snov	w, Sleet, Ha	ál	N	o of da	ys
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Degree da	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max depth on ground at oben.	Date	.01 or more	.25 or more	1.00 or more
WESTERN DIVISION																			
DEAVER DAM FORDS FERRY DAM 5 GREENVILLE 2 W HENDERSON 4 SW BICKMAN	63.2 64.5 63.5 63.3 66.7M	4.0	87 87 87 87 87	16 16 16 16+ 27	35 40 35 35 39	26 5 26 5 5	103 82 100 107 47	0 0 0 0	0 0 0 0	78 1.61 1.10 2.16 1.15	- 1.98 99 - 2.23 70	.37 .90 .67 1.59	8+ 23 23 22 22	.0 .0 .0	0 0 0 0		3 4 3 4 2	2 3 2 2 2	0 0 0 1
HOPKINSVILLE 2 E LOVELACEVILLE MADISONVILLE 1 SE MAYFIELD 2 5 MURRAY	64.7 64.4 63.8 65.0 64.5	4.2 3.7 3.9	89 87 87 87 87	16 14+ 15+ 16 16	39 37 35 39 38	5 5 26 5 5	75 86 97 71 69	0 0 0 0	0 0 0 0	1.62 1.96 1.44 1.73 1.66	- 1.22 - 1.87 - 1.25	1.10 1.16 .75 1.03 .94	23 22 23 22 22	.0 .0 .0 0	0 0 0 0		4 3 4 5 5	2 3 2 2 2	1 1 0 1 0
OWENSBORO PADUCAH CAA AP PADUCAB PRINCETON RUSSFLLVILLE	64.3 64.7 64.0 63.4M 63.3	5.5 3.1 4.0 4.2	90 87 86 90 85	17 15+ 30+ 16 16	37 37 40 37 37	5 5 5 5+ 25	86 86 90 103	1 0 0 1	0 0 0 0	1.07 2.35 1.91 1.01 1.69	- 2.07 99 - 1.78 93	.74 1.45 1.18 .76 1.17	23 22 22 22 22 23	.0 .0 .0 .0	0 0 0 0		3 5 8 3 3	1 4 2 1 3	0 1 1 0 1
DIVISION	64.2									1.55									
CENTRAL DIVISION ANCHORAGE	61.7	5.0	86	17+	36	5+	127	0	0	1.67	- 1.03	1 04		.0					
ANCHORAGE ANCHORAGE BOWLING GREEN WB AP BURGIN DIX DAM CAMPBELLSVILLE	62.4 63.0 62.6 62.2	2.7	85 87 85 88	17+ 17+ 16 17 18	36 33 38 34 34	26 5+ 26 13	106 101 102 112	0 0	0 0	1.67 1.36 1.64 1.89 2.15	- 1.03 - 1.10 70	1.24 .61 1.13 .81 1.40	8 8 22 23 22	.0	0 0 0 0 0		5 4 4 4 4	1 3 2 3 2	1 0 1 0
CARROLLTON COVINGTON W B AIRPORT DANVILLE FRANKFORT LOCK 4 GREENSBURG	61.9M 60.1 62.5 60.5 61.5	4.7 2.9 4.1	85 86 88 86 84	31 17 18 18 17+	3S 34 36 36	26 5 26 26+ 13	109 169	0 0 0 0	0 0 0 0	1.12 1.86 1.64 1.72 2.29	72 77 60	1.02 1.04 .75 .74 1 40	8 8 9 23 23	.0	0 0 0 0		4 6 4 4	1 3 2 2 3	1 1 0 0
IRVINGTON LEITCHFIELD LEXINGTON WB AIRPORT LOUISVILLE STAN W B AP LOUISVILLE WB CITY	62.8 62.8 61.5 62.3 63.2	4.0 4.3 4.1 4.8 3.9	86 85 84 87 83	16+ 17 17 17 16+	36 38 37 35 42	26 5+ 13 26 26	105 105 128 115 102	0 0 0	0 0 0 0	1.10 1.15 1.51 .99 1.25	- 1.69 - 2.01 - 1.08 - 1.66 - 1.40	. 55 . 85 . 61 . 76 . 89	8 23 8 8 8	.0	0 0 0 0		4 5 4 4 4	2 2 3 1	0 0 0
MAMMOTE CAVE PARK ST JOBN BETHLEHEM ACAD SCOTTSVILLE SHELBYVILLE 2 W SHEPHERDSVILLE 2 NW	60.7 60.7 61.0 62.3 62.0	3.S 2.9 4.9	85 84 84 87 87	31 17+ 16 17 31	32 33 32 35 30	26 13 5 13+ 26	144 132 109 121	0 0 0 0	1 0 1 0	1.77 1.25 1.85 1.49 1.42	83 - 1.67 - 1.23	.89 .69 1.22 .89 .94	22 9 22 9	.0	0 0 0 0		5 3 3 4 6	2 2 2 3 2	0 0 1 0
SOMERSET 1 N WILLIAMSTOWN WOLF CREEK DAM	62.0 61.0 64.9	3.0	84 82 90	16 31 17	34 37 37	26 26 13	116 139	0 0 1	0 0	2.78 2.05 2.70	72	1.35 .73 1.88	22 8 23	.0	0 0		5 7 4	3 3 2	1 0 1
DIVISION	82.0									1.68				. 0					
EASTERN DIVISION			0.0			10	400			0.40		0.0							
ASHLAND DAM 29 BENHAM BEREA COLLEGE CORBIN CAA AP PARMERS	62.2 61.3 63.1M 60.4 61.3M	4.1	87 86 84 84 82	31 17 17 16 17	37 34 34 31 33	13 13 26 13 26	99 154 121	0 0 0 0	0 0 0 1	2.46 2.12 2.30 1.25 2.29	02 46 62	.93 .72 .77 .45	9 9 8 8 9	.0	0 0 0 0		6 7 6 5 5	3 4 3 3	0 0 0 0
GRAYSON HEIDELBERG LOCK 14 HINDMAN SETTLEMENT SCB MANCHESTER MAYSVILLE DAM 33	60.2 61.2 59.6 62.5 59.4	1.9	85 82 65 86 82	31 21- 17 16+ 3	34 34 32 35 37	26 13 13 13 5+	135	0 0 0 0	0 0 1 0 0	2.05 2.27 2.00 1.63 1.62	. 60	.87 1.24 .83 .80 .95	9 23 9 9	.0 .0 .0	0 0 0 0		6 6 7 5 5	3 2 2 3 3	0 1 0 0
MIDDLESBOPO MOUNT STERLING PIKEVILLE RICHMOND E STATE COL VANCEBURG	61.9 60.5 84.4 61.2 62.4	4.5 4.5 1.8	83 79 86 81 85	31 18 22+ 17+ 31	34 37 38 34 36	13 26 13 28 26	114 148 66	0 0 0 0	0 0 0 0	1.30 2.38 1.90 2.79 2.10	- 1.19 79 .09	1.00 .97 .78 1.50 .97	8 9 23 9	.0	0 0 0 0		3 5 7 4 8	1 3 3 3	1 0 0 1
WEST LIBERTY WATER WKS WILLIAWSBURG	61.8 61.8	2.5	84 83	22 29+	37 35	5	115	0	0	3.27	- 1.78	1.10	9	.0	0		5 4	4 2	2 0
DIVISION	61.5									2.04				.0					
STATE	62.4	3.9								1.77	87			. 0					

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# DAILY PRECIPITATION

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Station	1 2	3	4 5	6	7 8	9	10	11	12 1	3 14	15	16 1	7 ' 18	19 2	0 21	12	2. 2	4 25	> 26	20.0	4:	- 30	
DDISON DAW 45 DDISON DAW 45 N DOLFHUS 1 M DOLPHUS 1 N		37				80 08 30 33	19								20	T 30 2ñ 45	44 03 1 22	24					98 98 09 1 01 7 31
NCHORAGE SIN'AMP SHLANO DAM 29 ARBOURYILLE N ARDSTUN'S J PREP SCH		33 0H	. 118 00 09	T	Ι.	24 15 .68 .93 45 05 61 20	08 77		10 T	т						39 30	60 47 23 18	25			1		1.67 1.93 2.46 1.21 1.36
AKTER HARLAN WTR WKS R KAYEN OAN ENITAM ENITON R ERKA COLLEGE		T 08	15 .04 40 .0	51		70 23 37 T 10 77 25	1, 06		. 07 T					05	2	72	55 ,60 40	18					1.71 78 2.12 1.21 2.30
EREA COLLEGE R EREA WATER WORKS OSTON 2 SW OWLING GREEN OWLING ONEEN SUBSTA		04	14 .20 .0	2 .01		76 27 .81 .73 40	) T	.01								.10	. 19 1 51 . 34 I . 15 1 24	.03				03	2 22 2.78 1.47 1.68 1.65
NOWLING GREEN WB AP RENT DAM 36 RENT DAM 36 RENT DAM 36 RENT DAM 36 RENT DAM SECOND RENT DAM		.02	.03			39 T 37 1.13	1 .24		. 18		09				.0	0 1.13 7 1.13 .08	.02 .07 .72 .81						1.84 1.59 2.60 1.28 1.89
URNSIDE ADIZ-LOCK E AMPBELLSVILLE LAROLLTON ARROLLTON LOCK 1		T 93	. 04			19 2: 40 .20 02 .00 93	. 13		т ())		01					07 1.65 1.40 .07	.88 74 .15						1.69 2.83 2.15 1.12 1.70
CANROLLION LOCE I R ENTRAL CITY WATER WES R LINTON R OLLEGE HILL LOCK II FOLUMBIA 1.4 COLLEGE		. 14	02		. 33	90   . 10 25 03 1.1 1.2			Т						.6	.83	.04 .75 .72						1.64 .77 1.51 2.17 2.85
ONSTANTINE R ORBIN CAA AP OVINGTON W B AIRPORT TYNTHIANA DANFILLE		T .05	.16 T			45 45 .0: 04 .3: 1.0	1 .40	.04	T	Т					Т	.70 .28 .41	.23	T T		т		.02	1.22 1.25 1.86 1.64 1.64
DAVELLA R DELPHIA 1 E DELMA DUMDEE BARRETTS FRD B DUMDEE BARRETTS FRD B R			.05 .27 .14			68 .1 02 .8 .6 .5 44 .0		.02							.04	.06	34 .96 1.36 .50 .13						2.19 2.17 2.18 1.12 1.07
DUNNOR DUNNYILLE EDOYVILLE LOCK F EOWONTON EDMONTON R						.25 .4 .6 .0 .9	7								.6	.37 .70 .8 2.56	1.35 .35 2.80 .18						1.47 2.35 .94 4.47 4.37
ELIZABETHTOWN FALMOUTE PARMERS FLEWINGSBURG FLEWINGSBURG POST OFF R		. 05	.02 .25 .01 .03		1	.7 1.8 1.1 9	8 .19 2 .52 3 .26	. 13	.01		01				r	.23	.40 .76 .57 .26			т			1.43 3.10 2.29 1.50 1.83
FORD LOCK 1 FORDS FERRY DAW 5 FORDS FERRY OAM 5 FRANKFORT LOCK 4 FRANKLIN WATER WORKS			.02 .04			39 T .15 .7										.30 1.17 .16	.90 .74 .81						2.34 1.61 1.54 1.72 1.17
FRANKLIN WATER WORKS R FRENCHBURG GEORGETOWN WATER WORK GEST LOCK 3 GEST LOCK 3 R		. 03	Т		1	.24 .03 1.0 8.73 .2	7		.21							.27	.26 .25					т	1.27 2.46 1.78 1.37 1.30
SLASGOW GRANT OAM 38 GRAYSON GREENSBURG GREENUP OAM 30			.05			1.1 8 .4 1.3	0 .26 7 .63 4 .12		.05	1	T					.33	.44 1.40 99			.03 T	T . 12		2.05 2.29 3.08
GREENVILLE 2 W RALEYS MILL R BARTFORD 6 N HAZARD RAZARD WATER WORKS R			.02			.41 .10 .80 .0 .68 .0	8 0 .07		.03						1.	.54 .52 .62	.67 .07 .25 .68	.18 -		03	.01		1.10 .72 1.38 1.92 1.94
HEIOELBERG LOCK 14 HEIDELBERG LOCK 14 RENDERSON 4 SW HERNDON R HICKMAN		.02	.03			.70 .2 .22 T	5 .17	.05	. 05							.92 1.59 .88 .75	.01						2.27 2.31 2.16 1.31 1.15
BICKSVILLE BICH BRIDGE LOCK 7 HINDMAN SETTLEMENT SC ROUGENVILLE NAT PACK R HOPKINSVILLE 2 R			.11 .22 T			.85 .1	14 .29 13 .17 12		.03		05				.03	T	.36 .46 .50 .33 1.10	.20					1.78 1.55 2.00 1.86 1.82 2.38 1.10
HYDER IRVINGTON JENKINS R JENKINS R JERENIAE			.23		1	70	91 23 . 06 34 . 11									.18	.34						1.89
KEENE 2 N KENTUCKY DAM RENTUCKY DAM LANCASTER ICE PLANT LAURA		. 11	.13		. 12	. 36			.08							.36	. 65 1.39	.10				.04	1 21 1.21 1.24 2.12 2.44
LEFTCHFIELD LEXINGTON WB AIRPORT BLIBERTY LIBERTY LIBERTY LITTLE BICKMAN LOCK 8			.36			.94	25 .02 54 02 15 13 99 .29									.02 .32 .22 19 .61	.72 .1I .73						1.15 1.51 2.11 1.88 2.37
LITTLE HICKMAN LOCK 8 F LOCKFORT LOCK 2 LOGLICK 1 \$ //W LONDON 3 SW F LOUISA LOCK 3		. 3:	.06 .05			.06		) ·	.02							.55	.03 .R1 1.33			.06	.30		1.81 1.99 1.92 3.55
LOUISA LOCK 3 LOUISVILLE BOWMAN PLD FLOUISVILLE STAN W B A ELOUISVILLE UPPER GAGE LOUISVILLE WE CITY		.00				.89	48 .0E									1.09 .06 .08	.20			T			3.46 .97 .99 1.52 1.25
LOVELACEVILLE LUCAS MADISONVILLE 1 SE MADISONVILLE 1 SR MAMMOTE CAVE PARE		.0	.06				17									50 1.16 42 1.01 .46 03 1.06 .89	.75						1.98 1.95 1.44 1.25 1.77

e reference notes following Station Inc

## DAILY PRECIPITATION

KENTUC

Station															Da	y of n	nonth					_				-						78
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	I5	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tot
MANCHESTER MAYFIELD SUBSTA MAYFIELD 2 S MAYSVILLE DAM 33 MAYSVILLE DAM 33			. 12	.06				- 13 50 - 96	. 80 . 03 . 05 . 95 . 20	. 02		T .08									т	.09 .93 1.03	.03				т					1.63 1.39 1.73 1.62 1.57
MC KINNEYSBURG /R MIDDLESBORO RR STA R MIDWAY 2 S MILLERSBURG //R			. 05	.02				.98 1.00 .92 .90	. 15 . 03 . 50 . 37		. 14	.01							. 16			.30										2.88 1.30 1.38 -
MILLERSTOWN MONTICEILO MOOREHEAD STATE COLLEGE MOUNT STERLING MUNFORDVILLE			. 06	T . 06				.95	. 90 . 62 . 63 . 87 . 77	. 06 . 03 T	. 55											.05 .41 .39 .41	.09				.10					2.01 1.56 2.30 2.38 2.08
MUNFORDVILLE R NURRAY OLIVE BILL 1 N# OLNEY ONEONTA DAM 35			.06	T			1	.79 .16 .18 .34	07 03 39	.04		. 08		. 10							. 27	. 75 . 94 . 48	. 37							т		2.31 1.66 2.12 1.28 3.00
OWENSBORO DAM 46 OWENSBORO DAM 46 OWENSBORO DAM 46 PADUCAH CAA AP PADUCAH			. 28	.01			.02	T .01 .19	20 19	.02											.03	.13								•		1.07 1.25 1.20 2.38 1.91
PADOCAB SCS NURSERY R PAINTSVILLE PIKEVILLE PIKEVILLE R PINEVILLE			. 20	T .45	. 03		. 15		90 55 18 77	42 .05 .02		. 44							т	.03	. 16	1.32 .01 .07	.70 .78 .65	.30			. 03					1.85 2.79 1.90 1.83 1.21
PLEASUREVILLE 2 S PEINCETON RAVENNA LOCK 12 RICHMOND E STATE COL RUMSEY LOCK 2			. 08	.04				.20	62 10 50 14	. 15												.76	1.14									1.01 2.30 2.79
RUMSEY LOCK 2 RUSSELLVILLE RUSSELLVILLE 5USSTA SADIEVILLE WATER NORN B ST JOHN BETHLEHEN ACA							1	.25	26 22 16 69												. 05	.64 .26 .26 .39	.02 1.17 .88									.85 1.68 1.46 1.80 1.25
ST MARY SALVISA LOCK 6 SALVERSVILLE SCOTTSVILLE SRBREE WATER NORES			. 11;						15 35 30	.27		т ,										.54 .91 1.22 .83	.40 .32 .14 .15	T								1.90 .94 2.65 1.85 1.45
SHPLBTVILLE 2 W SHEPHERDSVILLE 2 NV SMITHFIELD 4 S R SOMERSET HIWAY DEPT R SOMERSET 1 N			. 05	T .05				00 .	89 94 34 08	.07												.22 1.19 1.35	.30 .31 .03 .49						.03	.02		1.49 1.42 1.64 2.33 2.78
SPRINGFIELD STEARNS R SUMMER SHADE SUBSTA TATHAM SPRINGS R TATLORSVILLE			.07	T .08				61	89 28 22 50	.11		T									. 04	.17	2.00	T						T		2.25 1.17 3.63
TOMPRINSVILLE TEL OFF TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN DAW 49			.06	.05,					02 82 03	. 22											.20	.85	.26 1.28 1.27 .27									2.21 2.10 1.67 1.52 1.20
UNIONTOWN DAM 49 R VALLEY VIEW LOCK 9 VANCEBURG DAM 32 WAYNESSURG 6 E	Т	т	T				. 18		37	. 41 . 54 . 55 . 05	. 01	.10	.01					т		т		.10	.63 .35 .34		Т		02			T		1.31 2.30 2.16 1.89 2.18
WEST LIBERTY WATER WK WILLIAMSTOWN WILLIAMSTOWN WILLIAMSTOWN WILLOW LOCK 13 WOLF CREEK OAM			.10	. 42 .06 .12 02				73	35 53 20	.52		.15 .11 10										T .42	1.08	.25						.04		3.27 .89 2.05 2.92 2.70
WOLF CREEK DAH R WOODSURY LOCK 4 R								04 .	)3 )6 )7	.03											. 14		.73									2.58 .59 60

SMETCH 1 ST AMPLICATION AND ALTER VIEW STATES AND ALTER STATES MALADAY					a	endi	Hou	PN									0.0	andi-	( How							ible 4
NAMEDIAL SET OF STATES OF	12	n	10	9		-	-		4	3	2	1	12	11	10	9		1				0	0			Station
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THE RECORDANG LASE OF THE PROPERTY RESPONDED TO THE PROPERTY RESPONDED					. 01	.04		.01	.01		.10															ARROLLTON LOCK 1 LINTON
STREET HAND LOCK S  SOLITATION							.01			.04	. 01	.02														DVINGTON WB AP LEMINGSBURG POST OFF
EXEMPTS SERVED  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE WES  OR		. 01	. 01				0.5		.01	10																EIOELBERG LOCK 14
EXPLOYED SERVICE COLLEGE  DECAD CAA AP  DECAD STATE COLLEGE  DECAD CAA AP  DECAD STATE COLLEGE  DECAD CAA AP  DECAD STATE COLLEGE  DECAD CAA AP  DECAD STATE VES  DECAD CAA AP  DECAD STATE VES  DECAD CAA AP  DECAD STATE VES  DECAD CAA AP  DECAD STATE VES  DECAD CAA AP  DECAD STATE VES  DECAD CAA AP  DECAD STATE VES  DECAD CAA AP  DECAD STATE VES  DECAD CAA AP  DECA	.04				, 08	.02	.01	. 28	.06																	TTLE HICKMAN LOCK 8 OGLICK 1 S
EXEMPTS SERVED  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE COLLEGE  ORDERAD STATE WES  OR											.06	.01														OUISA LOCK 3 OUISVILLE BOWMAN FLD
EXPLOYED SERVICE COLLEGE  DECAD CAA AP  DECAD STATE COLLEGE  DECAD CAA AP  DECAD STATE COLLEGE  DECAD CAA AP  DECAD STATE COLLEGE  DECAD CAA AP  DECAD STATE VES  DECAD CAA AP  DECAD STATE VES  DECAD CAA AP  DECAD STATE VES  DECAD CAA AP  DECAD STATE VES  DECAD CAA AP  DECAD STATE VES  DECAD CAA AP  DECAD STATE VES  DECAD CAA AP  DECAD STATE VES  DECAD CAA AP  DECA								.01		.01																OUISVILLE WB AP OUISVILLE WB CITY
REPRESENT AND A SO ALORS BY VARIETY BY SORE STATES BY COLUMN SO ALORS BY COLUMN SORE STATES BY COLUMN SORE STA				.01			.04	*	*	*	*															KINNESCHIEG
THEN TIELD A S WITHIN SPENGE WATER THES STYLE ARALLS WATER THES OF THE SPENGE WATER FRANCE WATER FRANCE WATER THE SPENGE WATER FRANCE W						.22				0	0	. 08														
ANDREW MALLAY WATER WES 6					.08	.05			.01	.01	.08	.10	. 05	.16											6	ADUCAB CAA AP ADUCAB SCS NURSERT
ARTER BREAM YATER WES ORIS CAA PORTS	.11		•	*				.01	.01	.01	.02															ALYERSVILLE WITHFIELD 4 S
ANDREW MALLAY WATER WES 6	.01	. 05		, 02						.05																THAM SPRINGS OMPKINSVILLE
NATER MERIAN WATER WES  OS 02 04 05 01  OS 02 16  OS 04 09 01  OS 05 09 01  OS 05 09 01  OS 05 09 01  OS 05 09 01  OS 05 09 01  OS 05 09 01  OS 05 09 01  OS 05 09 01  OS 05 09 01  OS 05 09 01  OS 05 09 01  OS 05 09 01  OS 05 09 01  OS 05 01 01 01  OS 05 01 01 01  OS 05 01 01 01  OS 05 01 01 01  OS 05 01 01 01  OS 05 01 01 01  OS 05 01 01 01  OS 05 01 01 01  OS 05 01 01 01  OS 05 01 01 01  OS 05 01 01  OS 05 01 01  OS 05 01 01  OS 05 01 01  OS 05 01 01  OS 05												th-	-4													
NATILA    04   03   08   12   01   01   01   01   01   01   01																	. 01	.05	.01	. 05	.03	. 03				ARBOURVILLE
ENTINES OF COLORS OF CREEKINGS																	.16	.02	*	*		0	. 03		6	ORBIN CAA AP AVELLA
INDLESSOR OR STA												.01			. 01		.09	.01	.01	.12	.08	0.5	.01	.04		AZARD ENKINS
ENTOW I SW LINYON ENTOWN DAM 45 LINYON ENTOWN DAM 46 LINYON ENTOWN DAM 46 LINYON ENTOWN DAM 46 LINYON ENTOWN DAM 46 LINYON LINYO																	. 01	.01	. 01	. 02	.04					ONDON 3 SW IDDLESBORO RR STA
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ADDCARGE CAM APS DDISON DAM 45			.12												.01		.01									ENTUCKY DAW
DDISON DAM 45 DOLPHEN I R ATTER HARLAW MATER WES BERNA COLLEGE BERNA COLLEGE BERNA COLLEGE BERNA COLLEGE BERNA COLLEGE BERNA COLLEGE BERNA COLLEGE BERNA COLLEGE BERNA COLLEGE BERNA COLLEGE BERNA COLLEGE BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA COLLEGE BERNA STER HARLAW MATER WES BERNA STER HARLAW MATER MATER WAS BER	:	.11	.03	.01	•																				6	ADUCAH CAA AP ADOCAH SCS NURSERY
DEDISON DAM 45 DOLEMEN 1 AP ARROUNT LLE ARRED RAILAGE WES ARRED RA		.02	. 15	,03								1														NIONTOWN DAM 49
ARBOONT LIE ARTHER HERS ARTHER WES ARTHER HERS ARTHER													_		. 15	.40	.05									DDTSON DAM 45
ARTER BRIALAW NATER WS  ARTER BRIALAW NATER WS  BRIAL COLLINGE  BUILING GREEN BB AREA  AROLLION LOCK 1  LINYON  ORTHYTISE  ORIGIN CAA AP  ORTHYTISE  ORIGIN CAA AP  ORTHYTISE  ORIGIN CAA AP  ORTHYTISE  ORIGIN CAA AP  ORTHYTISE  ORIGIN CAA AP  ORTHYTISE  ORIGIN CAA AP  ORTHYTISE  ORIGIN CAA AP  ORTHYTISE  ORIGIN CAA AP  ORTHYTISE  ORIGIN CAA AP  ORTHYTISE  ORIGIN CAA AP  ORTHYTISE  ORIGIN CAA AP  ORTHYTISE  ORIGIN CAA AP  ORTHYTISE  ORIGIN CAA AP  ORTHYTISE  ORIGIN CAA AP  ORTHYTISE  ORIGIN CAA AP  ORTHYTISE  ORIGIN CAA AP  ORIGIN CAA AP  ORIGIN CAA AP  ORIGIN CAA AP  ORIGIN CAA AP  ORIGIN CAA AP  ORIGIN CAA AP  ORIGIN CAA AP  ORIGIN CAA  ORIGIN CA		0.1	1.4		10	0.0			.01	.10	.08	.05	.06	.10	.01											DOLPHUS 1 N ARBOURVILLE
ARROLLION LOCK 1  FURTAL CITY MATER PRES  .01 .02 .01 .01 .19 .14 .20 .16 .16 .04  .02 .01 .01 .19 .04 .05  .04 .01  .05 .00 .16 .01 .9 .03  .05 .00 .16 .01 .19 .00 .09 .03  .01 .01 .19 .00 .09 .03  .01 .01 .19 .00 .09 .03  .01 .01 .10 .14 .01  .02 .01 .11 .14 .09 .08 .01 .01  .05 .00 .16 .01 .19 .00 .09 .03  .05 .00 .16 .01 .19 .00 .09 .03  .06 .01 .19 .00 .09 .03  .07 .08 .13 .03 .22 .10 .10 .14 .01  .08 .13 .03 .28 .16  .09 .01  .09 .01  .00 .01 .11 .41 .09 .08 .01 .01  .00 .01 .13 .03 .28 .16  .00 .01 .14 .14 .15 .15 .15 .15 .15 .15 .15 .15 .15 .15		.01	.14	.11	.12	. 20			18	21	14	0.7	05				.05	. 01	. 04							AXTER HARLAN WATER WKS
ENTRAL CITY WATER WES  .01 .01 .01 .01 .10 .16 .04 .05 .06 .01 .01 .00 .00 .00 .00 .00 .00 .00 .00												.01	.05	.29	. 02	. 01										OWLING GREEN WB AP
CHARLET STREET   COLUMN   CO									.01													.01	.01			ENTRAL CITY WATER WKS
AVELLA MARKETS FORD BR  LEWINGSBURG POST OFF LEWING	. 1.	. 02				* 01	01	• 04	0 27	0			1.4		.05	,04	. 16	.10	.01	.01	.02	.01			6	
DEMONTRON   POST OFF	.10 .	. 13	.05	. 15	. 25					, 01			. 01		.16	. 20	.05									OVINGTON WB AP AVELLA
ALEYS WILL  -09 .01  -02 .01  -02 .01  -02 .01 .44 .34 .08 .01 .01 .13 .01  -25 .28 .03 .09	.01 .	.01			.14	,10	.01	. 34	.10	. 03	.09	. 60	. 19	.01												
ALEYS WILL  -09 .01  -02 .01  -02 .01  -02 .01 .44 .34 .08 .01 .01 .13 .01  -25 .28 .03 .09						01	01	01	0.0	00	.02	.03	.15	, 04					.15							ORDS PERRY DAM 50 RANKLIN WATER WORFS
Company   Comp				.16	, 28	.03		.08		.00	.41		.01			.01	.09									MALEYS MILL
ODESTITUTE NAME   02 01 44 14 08 01 01 13 01   25 28 03 09					. 07	.23										. 01		. 02								EIDELBERG LOCK 14
ALENGTON #8 ALENGTE   .05   21   18   25   17   05   01   02	, 05	. 09	. 03	.28	.25		.01	.13	.01	.01	, 08	.34	.44	. 01	.02											ODGENVILLE NAT PARK
ITTLE WICKMAN LOCK 8						.02	.01	.09	.24	.17	.10	. 21	. 05					.01	.19	.12	.08	.01				
01 01 03 07 33 25 10 .11 .01	.01 1.	-	-	-	-	. 20	.11	. 25		.12	.03	-		-	-	-	-	-	-	-	-					ITTLE TICKMAN LOCK 8
01 01 03 07 33 25 10 11 01	.03 .	.15	.06	.30	. 29	0.6	. 08	.17	.03	.10		0.0	07	20		0.0	07									ONDON 3 SW OUISA LOCK 3
01 01 03 07 33 25 10 11 01	:				,02	.05	. 01	.02			.01	.13	.06	.23	.19	.01	.07	. 01								OUISVILLE BOWMAN FLD OOISVILLE WB AP
AYSVILLE DAM 33	.04						*	*	*	*	*	*	*	*												JUCAS MADISONVILLE 1 SE
C SINNEYSBURG .04 .04 .11 16 .72 .24 .67	1.		.01			.25 .67 .53	. 24	.07 .72 .11	.03	.11	.01	. 04														AYSVILLE DAM 33 C KINNEYSBURG
	1.	. 01		. 03		.10	.20			. 14	.09															HIDDLESBORO RR STA
ILLENSENGE	1			.11	.19	. 28	. 52	.15	.02		.05	. 06	. 37	.13		.01										UNFORDVILLE DLIVE BILL 1 NW
01 .01		*		*	. 04	.01			*		*							.02	. 01					.31	6	OWENSBORO DAM 46 PADUCAB CAA AP
PIKEVILLE	.09	. 14	.06	. 11												. 10		. 01			, 01					
ADDEVILLE WATER WORKS .21 .26 .49 .11 .13 .05	1.			-		.01	.05	.13	.11	.49	. 26	. 21	. 03				,00									SADIEVILLE WATER WORKS
	î.	. 01	.10	. 21	. 29	.39		10	1.60	.02	.08		.46	.11	.16	. 02										SALYERSVILLE SMITRFIELD 4 S
TEARNS			.02	.01	. 01	.05	10	.20	.26	. 08		,01														STEARNS FATHAM SDRINGS
DEFORM DAM 49 03 01 0)	.01					1				.09	.26			. 05							01	. 01	.03			TOMPKINSVILLE INIONTOWN DAM 49
04 .03 38 .08 .01								.01	.08	38		. 03	.04	. 02	. 02			.01	.02							FOLF CREEK DM FOODBURY LOCK 4

						A. 1	M. Ho	ır endi	nα								-	p	M Hos	ur endi	ing				LIOBE	
Station	-	- 7													F											Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1
ADDISON DAM 45 BARNDORY LLKS BARNDORY LLKS WATER WES BEREAR COLLEGE CARROLLTON LOCK 1 COMBIN CAA AP 6 DAVELLAN WE 6 DAVELLAN WE 6 DAVELLAN		.04	.01	.09	.13	.12	.01	.04	.01 .02 .03 .02 .02 .05	.02 .04 * .01 .02 .07	.06 .01 .04 .01 .04 .03	.06 * .04 .01 .02 .04 .10 .02 .06 .04	-91 .03 * .04 .01 .04 .03	.02 * .01 .02 .02 .03 .04 .03 .02 .01	.01 .01 .02 .02 .01 .01	.01 * .04 .02 .05 .01	.01 .02 .01	.05 * .02 .01	.01	.01	.02 .01 .04	.03		.02	.03	.08 .05 .23 .27 .10 .30 .15 .07 .02 .30 .27 .04 .12 .23 .23 .13
LONDON'S 3 SV LOUISA LOCK 3 LOUISYLLE BOFMAN FLD LOUISYLLE WA APT LOUISYLLE WA APT LOUISYLLE WA APT MATSYLLE DAM 33  MC KINNEYSBURG MIDDLESEORO ER STA MIDDLESEORO ER STA MIDDLESEORO ER STA MOREEMAD STATE COLLEGE MUNFORDYLLE OLIVE BILL 1 NW PILEY LILE ST MARTY ST MARTY ST MARTY TATEMA STRINGS TOMPKINSYLLE WOODBURY LOCK 4  WOODBURY LOCK 4	3	.01 .02 .01	.01 .01 .01	.01	.01	.01	.02	.01 .01 .02 .02 .01 .01	.03 .03 .04 .01 .05 .01	.01 .05 .01 .03 .04 .05 .01	.02 .03 .06 .02 .01 .01	.01 .05 .05 .06 .09 .01	.02 .01 .14 .01 .08	.01 .04 .01 .02 .09 .07	.08 .07 .01 .01 .06 .01	.01 .02 .01 .02 .01 .02 .03 .01	.01 .03 .02 .01 .01	.05 .01 .01 .02 .01	.01 .01 .06 .01	.02 .01 .01 .02 .03	.02	.02	.01 .04 .01 .03 .05 .07	.06 .01 .02 .02 .02 .01	.03	.27 .04 .48 .10 .09 .15 .03 .37 .63 .07 .39 .18 .16 .15 .30 .34 .08 .22 .03 .07
DAYELLA JENKINS LOUISA LOCK 3 MONEMERAD STATE COLLEGE PROPERTY OF THE COLLEGE SALVERSYILLE SALVERSYILLE COVINCTON #B AP REFULBERED LOCK 14 LOUISA LOCK 14 LOUISA LOCK 33 MATSYLLE DAM 33 MATSYLLE DAM 36 MATSY		04 01 05 03 01 01 05	.01 .04 .03 .02 .01	.04 .01 .01	.01						. 01		-11				.04		.01				.02	.01 .04	.09	.09 .06 .09 .03 .04 .02 .19
HAZARD /// MC KINNEYSBURG /// PIREVILLE BAXTER HARLAN WATER WES MIDDLESBORO RR STA	.0	02	.01							. 01			-12 -19 -21	th-		.03	.01	.03	.05	.01	.01	.01				.03 .01 .04
ADOLPHUS 1 N  BENTON 1 SEEN TH AP  CLINTON GREEN  CHAPTER  CHAP													. 02	.01		.01	.06	.05	.13 .04 .05 .01 .13 .04 .02	.02 .01 .01 .27 .02 .02 .03	.04 .04 .16 .52 .03	.03 .01 .05 .01 .08	.01 .01 .01 .01 .03 .05 .01 .06	.01 .07 .01 .01 .06 .02 .07	.05 .01 .07 .02 .01 .04 .01 .01 .02	.20 .20 .07 .68 .05 .68 .01 .21 .01 .37 .01 .11 .19 .42 .03 .27
RUMSEY LOCK 2 STEARNS TATHAM SPRINGS TOWERINGS TOWERINGS TOWERINGS LIGH WOODBURY LOCK 4  ADDISON DAM 45 ADDISON DAM 45 ADDISON THE BATTER THE BATTER THE BATTER THE BATTER THE BERTON 1 ST	.0	07	. 02	.01	.01	.01	.01	.15	.01	.05	.06	.01	-22 .12 .09	2d-	.01	.03		.01	.01	.05	.01 07 .01 .05	.03	.03	.04	.01 .01 .01 .03 .10 .07	.14 .05 .04 .20 .14 .15
BEREA COLLEGE BOWLING GREEN WB AP CARROLLION LOCK 1 CENTRAL CITY WATER WKS CLINTON CONSTANTINE	.0	01	,08	.02			.01	.01	. 04	.09	.01 .01 .30	.47 .32 .05	.19	.26 .01 .01	.01	.13 .01 .14	.22 .01 .01	.05	.01	.09	.11	.10	.03	.11	.01	.45 .39 .03 .75 .99 1.13 .50 .48 .42 .70

Sum reference notes following Station Index.

KKHTUCKI

						AN	4 Hou	ır endi	ng									PA	4 Hou	ır endi:	ng					3
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	В	9	60	11	12	To
CORBIN CAA AP COVINCTON WD AP DAVELLA	6					_								. 03	06	.10	13	* 08		.01	03	٠			٠	.41
DAVELLA DUNDER HARRETTS FORD BR								. 01	01	.01	.01	.08	.03		.02		.02	.08	.05	.31	.30	.01	01	12	05 01	.86
RIMONTON		01	.01						. 01				. 33	. 27	51	19	.04	.16	.01	.05	05	.01	01	0.1	.78	2.58
FLYMINGSBURG POST OFF FORDS FYRRY DAM 50 FRANKLIN WATER WORKS			.04		. 01	14	.18	13	.03	.01	.01	.01	19	.03	.08	.02 .01	.01	.04		.01	48	01 01	01			1 17
FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL HAZARD		.01	.01	.02	.01				.01	. 27	. 01		.01		. 11	.03	.01		.01	.01	.01			.05	.01	.27
HAZARD HKIDELBERO LOCK 14													.01		. 01	. 04	,18	.20	.04	.10	.10	. 11	.16	.02	. 01	62 ,92 ,88
HERNDON HODGENVILLE NAT PARK				.01				. 38	. 24	. 15	.02	. 03	.04	.01	.01	.07	.02	.10	.05	.01	.01	. 05		. 02	.05	.55
MENTUCKY DAM		.10	.09	.07	.01	.02	.10	.09	.01		,01					0.4	. 02	.05	. 05	12	. 03	01	.02	.01	. 01	.54
LEXINGTON WS AIRPORT LIBERTY LITTLE HICKMAN LOCK 9		.01												.01	.10	.10	.10	.06	.03	,09	.04	.02	.01		.01	.81
LOGLICK 1 S																.11	.06	,08 .06	.09	.08	.13	.01	.03		.01	.55
LONDON 3 SW LOUISA LOCK 3														.03	.02	.01				.15	.19	.06	.07	, 28	.34	1.09
LOUISVILLE DOWMAN FLD LOUISVILLE WB AP LOUISVILLE WB CITY														,05	.01	.01	.02	.01		. 04	.01					.08 .16 1.01
LUCAS		.01	.01	.10	.19	. 05	.01	.01	.13	. 33	. 15	.46	.26	.05	,05	.05	.04	.04	.02					. 05		1.08
MADISONVILLE 1 SE MAYSVILLE DAM 33 MC KINNEYSBURG MIDDLESBORO RR STA	X													.09	. 04	.02	.02	.13	, 04	. 04						.23
MILLERSBURG												. 13	.03				. 02	. 01	0.5	.01	.03	. 14	.02	.05	. 04	. 28
MOREHEAD STATE COLLEGE MUNFORDVILLE		.01		.01	,01	.01						. 10	. 18	. 08	. 04	.05	.02	.16	.01	.02	.03	. 08	. 02	.01	.01	.39 .75
OLIVE DILL 1 NW OWENSBORO DAM 46	6	.01			.01	. 01	.06	.05	.07	. 31	.33	. 02	.01	.01		.05		.01	.01		,02	,00	. 02	.01	.01	.96
PADUCAH CAA AP PADUCAH SCS NURSERY PIKEVILLE	0	.01	.10	.36	, 54	, 09	.01	. 03	.02	.02	.07	.05	.01	. 45				.01		.01	.01	.01			. 04	1.32
RUMSEY LOCK 2 SADIEVILLE WATER WORKS			.01	.01	. 01	.05	.01	. 01	.16	.24	.09	.01	.01					. 01		.01	*	*			, 39	.64
ST MARY SALYERSVILLE														. 15	.05		.01	.09	.07	.04	.09	.01	.04	.10	.02	, 54
SMITHFIELD 4 S SOMERSET HIWAY DEPT														.01	.12	.01	. 04	.01	.02	.30	. 15	. 01		. 03	.02	1.19
STEARNS TOWPKINSVILLE		.02	.01	.02								.17	.10	.08	.12	.11	.11	.11	. 05	.05	. 03	.01	.01	.01	. 01	.17
UNIONTOWN DAM 49 WOLF CREEK DAM			.01	.01	.01	, 04	. 10	.20	.44	.11				.01	.01	.01 .05	.01	.02	.01	.08			.02			1.08
WOODBURY LOCK 4											. 04	. 19	.03	.01	.02	. 01									.01	.30
A DOS PERSON A N		. 01		. 01	.01								-23	3d-												. 03
ADOLPHUS 1 N BARBOURVILLE		03	10	.23						.04	.01	.02	.01	.15	.01											. 23
BEREA COLLEGE		03	.12	.09	.11	.05	. 01			,01				.0%	.01											.23 .55 .19 .02
BOWLING GREEN WB AP CENTRAL CITY WATER WKS CONSTANTINE		.02	. 01	.01	.01		.01				.01															.04
CORBIN CAA AP DAVELLA	6	03	.04	*	*	.13	.02	.01	.01	,03	*	*	*	*	.33											.34
DUNDEE BARRETTS FORD BR		.07	.04	.01	.02					.01			.01													. 13
FRANKLIN WATER WORKS HALEYS MILL.		. 02	. 03	.02					. 03	. 01																.18 .04 .07 .25 .36
HAZARD HEIDELBERG LOCK 14		.03	.01	.01	.05	. 21	. 05	.02	.04	.10	03	.02		.01												.25
HERNDON HODGENVILLE NAT PARK			. 01	.03	.01	.01		. 01	.01		.01															.03
JENKINS LEXINGTON WB AIRPORT LIBERTY		.13	.01	.04	.12	.07	.02		.01			. 04	.15	. 01												.60
LITTLE HICKMAN LOCK 8 LOGLICK 1 S		.01	.03	.02	.06	. 02					.01															.11
LOUISA LOCK 3		. 08	.02	.01	.02	. 03	.06	.56	.13	. 01																.03 .91 .23
LUCAS MAYSVILLE DAM 33		.01	.01	.01	.01		, 03	.07	, 34		.01	.01														.09
MC KINNEYSBURG MIDDLESBORO RR STA		.01	. 02	.01	.01			.01						. 05		.01	.01									.05
MILLERSBURG MOREHEAD STATE COLLEGE			.03	.01	.01																					. 05
MUNFORDVILLE		.01	.04	.19	.10	. 02		. 01	. 03					. 02												.37
PIKEVILLE RUMSEY LOCK 2		.11	.05	.09	.01	.13	. 05	.01	. 02	.08	,05	.04	.01													. 65
ST MARY SALYERSVILLE SMITHFIELD 4 S		.07	.06		.01	.01	.29	.01	. 01	.01	0.4															.40
SMITHFIELD 4 S SOMERSET HIWAY DEPT STEARNS			.01	.14	.01	. 15	.18	.10	.01	. 05	.01		. 01													.03
STEARNS TATHAM SPRINGS TOMPKINSVILLE		.01	. 01	- 01	- 22	- 01	-	- 10	-11	- 05	-	44	.01	-	-	-	-	-								.26
WOLF CREEK DAM		.01	. 01	.01	. 22	.20	. 50	.01																		.73
													-2	Żth-	-											
HAZARD LOUISA LOCK 3									.02	. 01	.01	. 01	.03													.03 .06 .10
MOREHEAD STATE COLLEGE PIKEVILLE							.10						.02	. 01												.10
														3th-	_											
LOUISA LOCK 3				. 23	.01								20	111												.24
													-30	)th-	-											
COVINGTON WD AP						.01		.01																		.02
					-						-			-												

## DAILY TEMPERATURES

OCTOBER 19

Table 5	-	_																														OBEH	1950
Station					7										-	Day (		-									_						erage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ANCHORAGE	MAX	80 56	79 55	73 55	64 41	65 36	73 38	77 49	60 51	60 49	72 48	77 45	69 44	70 36	80 46	78 48	84 50	86 J0	83 51	81 51	72 53	81 47	70 59	68 56	68 46	69 40	67 36	80 52	80 61	78 57	84 52	86 53	74.6 48.7
ASHLAND DAM 2	MAX	77 55	85 58	83 57	76 51	64 38	74 42	77 48	77 55	65 50	72 51	72 45	67 52	67 37	80 42	81 50	82 43	85 42	80 48	73 47	70 53	81 47	80 47	78 54	70 52	65 47	65 38	75 40	81 58	79 59	79 52	87 49	75.7 48.8
BARDSTOWN S J PREP SCH	MAX	80 55	82 55	77 55	63 44	66 34	76 36	78 50	72 54	57 48	72 50	78 44	73 47	72 35	81 46	81 50	84 48	85 50	82 49	78 49	74 55	81 48	73 61	68 58	69 53	67 42	68 33	80 49	79 60	81 58	85 53	84 54	75.7 49.1
BEAVER DAM	MAX	81 59	82 57	71 56	65 44	68 37	76 37	77 52	69 49	57 47	74 46	80 44	73 48	75 37	82 49	86 51	87 53	86 51	82 50	81 50	74 56	83 52	72 64	71 57	61 51	68 41	71 35	82 54	77 60	81 58	86 52	86 57	76.3 50.1
BENEAM	MAX	80 56	79 54	84 48	79 53	68 40	74 42	74 44	80 51	76 43	65 47	69 44	75 47	67 34	68 37	80 45	83 45	86 43	84 45	84 45	76 51	80 53	80 55	84 58	69 57	70 48	67 35	70 36	75 40	81 45	81 48	75 45	76.2 46.3
BEREA COLLEGE	MAX	79 61	80 60	77 54	68 0	67 35	74 39	77 50	69 51	56 50	76 51	73 50	66 49	66 39	79 40	80 55	83 49	84 55	82 51	73 54	75 55	81 51	77 62	71 60	68 51	74 42	69 34	78 50	79 61	78 81	80 59	81 61	74.8 51.3
BOWLING GREEN WB AP	MAX	£3 59	81 58	78 56	66 44	67 38	73 38	78 50	67 45	58 45	74 47	78 45	73 44	75 38	82 46	86 50	87 49	84 50	83 50	80 51	75 58	82 53	69 64	72 57	67 48	68 43	72 39	80 51	79 58	82 61	83 54	84 55	76.2 49.7
SURGIN DIX DAM	MAX	82 55	82 54	78 55	69 46	68 35	76 41	78 45	75 54	55 48	88 50	74 44	72 47	67 42	79 44	81 47	82 46	85 49	84	82 48	79 58	80	79 61	73 61	68 49	67 45	69 34	80 49	80 59	79 57	84	94 53	76.1 49:1
CAMPBELLSVILLE	MAX	80 55	80 55	75 55	86 47	68	75 38	77 48	66 53	58 44	71 50	75 42	70 41	72 34	79	84	88 52	87 50	85 52	80 51	74 57	84	72 59	68	69 51	68 41	71 35	78 49	79 58	78 57	84	87 51	75.7 48.7
CARROLLTON	MAX	82 55	80 56	80	83 39	67 40	78 45	76 54	75 50	65 50	77 53		71			80 45	80 44	84 45	84 48	78 47	69 52	78 47	73 57	67 55	68 48	65 43	65 35	79	76 59		81 55	85 52	75.0 48.8
CORBIN CAA AP	MAX	78 54	81 54	79 54	63 41	67	75 39	77 42	73 47	55 46	70 44	76 39	68 39	68 31	80 37	82 47	84 45	81	80 45	71 46	75	83 55	80	74 57	67 45	67 39	71 33	77 42	80	79 52	82 49	82 47	75.0 45.7
COVINGTON W B AIRPORT	MAX	77	78	68	61	64	71	76	60	59	68	73	64	64	76	71	80	86	80	78	67	78	72	61	62	61	60	75 50	76	66	75 57	81	70.6 49.5
DANVILLE	MAX	54 82 55	57 81 57	50 81 57	41 76 46	34 66 37	38 69 40	52 76 44	52 79 52	50 69 46	50 57 48	47 72 45	48 76 48	38 70 41	50 72 46	50 80 52	48 83 48	51 86 49	56 88 51	54 84 49	50 76 51	45 70 49	56 84 55	50 75 61	47 71 50	70	37 69 36	70 40	81 80 52	58 80 59	57 80 54	59 85	49.5 76.0 49.0
FARMERS	MAX	78	80	57 78 56	73	64	70	75	73	65	69	72	71	65	77	77 48	79	82	81	78	74 49	80	79	73	€6	65	65	78	80	79	80	54 80	49.0 74.4 48.2
FORDS FERRY DAM 50	MAX	55 83	54 82	70	51 62	66	38 76	41 75	49 69	49 63	53 74	41 79	51 73	34 77	43 82	82	45 87	47 84	45 81	48 79	73	48 78	70	61 66	53 62	45 65	33 75	43 81	59 80	55 80	49 86	47 85	, 6
FRANKFORT LOCK 4	MAX	61 81	61 77	55 81	45 75	40 66	45 65	55 76	53 77	49 65 49	46 60	73	52 76 41	45 71 37	57 70 37	55 82	56 78	56 80	55 86	30 47	57 77 47	53 70	63 80	55 73 60	46 69 47	47 69	44 67 35	61 65 35	61 79	59 80 59	55 78 57	83 52	53.4 74.5 46.4
GRAYSON	MVX	56 76	55 82	78	45 71	37 64	71	39 76	79	65	50 69	72	66	66	79	48 72	46 77	46 81	48 81	74	69	80	48 81	73	83	45 65	64	77	42 81	82	84	85	46.4 74.3 46.0
GREENSBURG	MIN	51 81	50 79	55 80	50 76	36 65	38 66	42 74	77	49 67	51 56	42 70	51 76	35 69	41 70	45 80	41 81	45 84	40 83	82	48 78	45 74	53 82	71	71	45 69	34 67	70	53 80	51 80	49 80	46 84	46.0 74.9 48.0
GREENVILLE 2 W	MAX	57 82	56 80	56 80	52 63	37 67	37 75	39 75	70	48 59	50 74	43 78	44 75	36 75	37 81	36	50 87	50 85	50 83	48 80	48 74	52 81	77	62 71	56 60	47 64	37 75	37 80	50 79	55 83	52 84	52 84	48.0 76.4 50.5
HEIDELBERG LOCK 14	MIN	57 77	56 79	56 77	70	37 64	72	55 75	70	47 55	44 69	73	67	38 67	49 78	52 78	52 80	52 81	79	52 72	70	51 82	64 81	55 73	52 69	41 65	35 66	54 76	61 80	59 78	52 82	59 82	73.8 48.5
HENDERSON 4 SW	MAX	58 83	58 81	71	53 63	68	40 76	76	70	47 61	51 75	80	74	34 75	81	45 85	47 87	87	83	45 81	56 74	49 79	60 73	63	55 62	48 66	35 71	41 80	54 79	53 81	52 85	47 84	48.5 75.9 50.7
HICKHAN	MIN	59 84	59 82	55 74	41 65	35 69	40 72	53 79	52 78	74	46 76	50 80	46 76	42 82	52 82	52 88	54 86	53 85	54 84	51 84	54	49 82	63 74	74	45 68	40 71	39 80	54 87	59 84	82	54 85	84	50.7 79.0 54.3
HINDMAN SETTLEMENT SCH	MIN	64 75	62 79	56 83	48 76	39 61	46 64	51 75	52 78	48 75	46 56	53 69	53 75 45	50 66	51 67	57 77 43	56 81	56 85	56 80	58 78	20	55 72	65 80	54 82	70	50 70	63 36	54 68	60 75	60 77 48	60 7 <b>7</b>	80	54.3 73.7 45.4
HOPKINSVILLE 2 E	MAX	54 84	54 83	52 77	52 65	70	40 79	42 77	45 70	46 65	75	80	45 75	32 79	36 83	43 88	47 89	45 85	40 82	43 81	46 73 57	48 79	50 78	60 72 60	55 64 52	48 68	36 77 40	37 83 55	42 85 51	48 87 52	49 86	87 54	45.4 78.3 51.0
IRVINGTON	MIN	60 79	62 81	58 74	46 66	39 65	40	49 75	54 66	48	40 73	78	73	43 73	50 81	50 82	52 86	51 86	52 82	79	57 71	55 82	64	60	52 68	43 69	67	55 79	51 77	52 78	54 84	54 85	
LEITCHFIELD	MIN	59 79	55 80	57	42 60	38	39 73	54 75	53 68	48	50 72	46 76	73 44	37 72	49 80	53 82	51 84	53 85	52 81	53 80	55 72	50 82	62 72	70	47 65	41 66	36 68	56 78	60 77	60 79	51 83	59 83	75.1 50.5
LEXINGTON WB AIRPORT	MIN	58	58	58	63	38	40	52	55	46	48	46	47	42	48	53	51	53	51	50	55	54	62	58	52	.3	38	52 78	58 78	58	57	55 82	74.5 51.0
LOTISVILLE STAN W B AP	MAX	55	60	54 73	42 63	40	74 41 74	76 52 76	48	57 48 62	48	47	67 46	66 37	77 50 81	53	49	55	54	54	53	49	63	48	48	44	38 67	52 78	58 78	58 78	49	57	72.9 50.0
LOUISVILLE STAN W B AP	MAX	58 79	56	73 52 70	43	38	38	51	50	50	48	45	50	39	51	52	50	50	51	51	72 54 70	49	61	54	54	41	35	50	63	55	54	57	74.6 50.0
LOUISVILLE W8 CITY	MAX	62	60	52	44	43	73 44	74 54	51	50	50	50	53	45 81	54	77 58	53	56	58	56	56	50	62	54	53	65 48	65 42 79	54	78 65	74 60 85	55	83 64 87	73.0 53.4
	MIN	61	79 59	54	63	66 37	77 45	71 53	48	42	74 47	47 81	74 47 73	42 76	53	52	53	53	53	55	75 57	55	60	52	42	46	43	61	59 79	60	54 85	60	77.3 51.4
MADISONVILLE 1 SE	MAX	82 57	57	75 55	64	36	39	49	71 52	52	47	47	49	39	51	51	50	51	49	50 78	56	52 52	63	57	51	43	35	54	60	59	51	62 85	76.3 50.8
MAMMOTH CAVE PARK	MAX	78 54	80 52	77 52	63 45	65 34	74 34	75 50	72 50	60	71 46	76 41	74 47	70 33	80 44	81 49	50	83 48	80 48	41	73 45	49	60	58	41	40	72 72	48	47	47	54	55	75.0 46.4
MANCHESTER	MAX	81 55	83 56	80 56	73 51	69 37	76 42	78	75 46	53 48	71 49	78 44	70 47	72 35	82 44	84 46	86 47	85 47	84 46	72 44	60	50	60	63	54	69 48	36	41	49	52	51	46	76.7 48.2
MAYPIELD 2 S	MAX	83 61	80 60	74 54	62 44	67 39	76 46	76 54	71 53	70 46	75 46	80 50	73 47	78 44	81 55	85 55	87 56	57	81 54	78 56	75 57	75 54	64	55	51	68 48	45	59 59	85 59	83 59	60	60	76.8 53.2
MAYSVILLE DAM 33	MAX	79 57	76 57	82 56	75 47	61 37	63 40	72 42	78 46	67 50	59 50	69 44	73 44	66 37	65 37	78 48	71 43	76 43	81 47	78 47	74 49	67 46	80 46	75 57	65 49	65 42	64 37	63 39	78 48	79 59	76 55	78 52	72.0 46.8
MIDDLESBORO	MYK	77 55	79 58	77 54	73 55	68 37	71 44	75 43	72 48	64 44	70 53	72 47	68 50	67 34	74 37	80 47	80 48	79 48	79	76 54	77 60	82 56	80 60	74 63	69 58	68 49	38	72 40	74 56	75 51	82 52	83 49	74.4 49.4
MOUNT STERLING	MAX	74 53	76 55	76 55	65 47	62 38	69 39	70 45	68 52	64 45	66 49	68 47	67 48	62 38	73 46	71 53	75 48	78 50	79 1	77 53	70 55	77 51	75 60	74 61	64 51	62 46	61 37	72 49	74 61	72 59	74 53	78 62	70.7 50.2
MURRAY	MAX	80 58	81 58	74 57	64 45	66 38	77 41	75 54	70 55	68 49	76 43	81 46	75 47	79 41	83 52	86 52	87 52	85 52	82 51	81 52	75 56	76 55	70 65	68 60	70 54	70 45	76 41	82 59	80 55	84 60	85 55	85 58	77.1 51.8
OWENSBORO	MAX MIN	81 60	81 58	73 56	86 43	70 37	75 40	75 53	67 54	59 48	75 47	79 48	74 49	77 39	82 51	88 50	87 53	90 52	87 55	84 54	75 56	84 51	74 63	68 57	64 54	69 41	70 41	81 56	79 58	81 58	86 56	85 59	77.0 51.5

See reference notes following Station Index.

T	95 7	T T 37	TOTAL PARTY	IDED	RITT	IRES
	4	1 I . T	3 P. P	vi P r. n	AIL	1000

RENTUCKY

ible 5-Continued					-	-			-		-			-					-				-			-	-						2
Pri vi																ryah c	d mor	th															3
Station		1	3	3	4	5	6	7	н	9	10	n		13	14	15	16.	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aw
PADUCAB CAA AP	MAX	84 61	78 60	54	64	68 37	77 46	76 57	06 49	71 48	73 45	80 52	75 49	76 41	80 56			66 54	53		77 56	76 55	69 63	64 47	68 43	68 46		82 62	82 61	85 69	84L D-B	85 64	78.8 52.6
ADK'ATI	MAX MIN	60	83 59	83 59	64 46	63 40	65 41	77 50	74 56	65 49	70 44	73 46	80 56	73 13		82 52	63 53	85 53	53	63 52	82 52	77 56	79 58	69 56	61 44	66 47		77 56	81 62	62 58	86 36	65	76.2 51 7
IKEA1F13.	MAX		83 60	7 N 59	63 53	69 44	77 47	81 50	79 51	60 53	74 57	78 51	70 53	72 38	62 44				83, 48	77 49	74 59	83 53			62 57		71 41	79 40	85 52	81 54	85 54	53	17.2 51 6
TRINCETON	MAX MIN		82 55	66 55	66	70 37	78 30	75 49	69°	63 49	77 39	80 42	76 47	79 37	83 47	41		88 49	80 50	64 51	76 57	81 54	70 64	69 56			74 38	92 49	80 56	85 54	86 51	85 51	77.5 46.6
ACEMOND E STATE COL	WAX	78 55	77 55	8U 55	78 48	61 38	65 38	73 46	77 54	67 45	57 48	69 47	73. 50	. 66 38	70 45			81 50	B1 5-€	79 51	7.2 55	68 51	60 62	77 61	71 50	87 48		64 36	76 49	78 58	76 57		72.8 49.6
DSSELLVILLK	MAX M18	81 55	81 56	78 59	64 46	67 38	74 39	78 55	70 46	61 45	74 43	78 48	70 48	74 30	81 53	83 50	85 51	83 48	81 49	78 56	74 53	80 54	78 62		62 43	67 37		80 60	81 62	83 55	83 56	84 66	75.9 50 6
T JOHN BETHLEHEM ACAD	NAX W1N	81 56	79 54	79 50	74 43	63 38	64 37	7.6 42	74 53	61 47	56 49		71 \$6	70 33	71 41	79 47	61 51	84 49	84 50	81 52	77 55	70 50	81 53	69 58	49	68 42			79 54	77 56	79 51	84 52	73.5 47.8
COTTSVILLA	MAN MIN		80 55	78 52	68 48	71 32	75 34	76 41	68 47	56 41	7-9 4-2	78 41	72 42	75 33	82 46	83 47		32 47	80 46	77 44	77 49	80 47	73 58	73 58	47	39		78 48	78 59	81 54	83 52	82 51	75.9 46.1
HELBYYILLF 2 W	MAX MIN	80 57	8:3 55	74 58	84 41	68 36	75 36	77 49	72 52	58 48	73 48	77 -84	73 45	7% 35	80 46	61 48	65 46	87 49	84 50	80 55	72 55	82 47	78 50	68 57	68 51	67 44		79 50	79 57		84	65 55	75.7 48.9
HEPHERDSVILLS 2 NV	MAX H1N		83 53	77 56	64	68 34	76 33	78 44		60 49	72 45	79 42	72 50	73 33	83 43	82 49	85 46	86 46	85 45	82 55	73 55	82 50	73 61	67 57	70 52	39		81 46	79 82	81 58	93 52	87 50	76.° 47.7
IONERSET 1 W	MAX WIN	80 53	60 55	79 55	70 52	68 39	74 38	71 43	72 51	54 45	71 51	74 - 40	68 51	70 35	79 41	82 48	84 49	82 48	79 48	74 54		83 54	77 82	74 62	67 51.	66 48		79 47	79 56	77 56	83 50	82 43	74.8 49.2
ANCEBURG	MAX	79 52	83 57	82 57	75 48	83 39	75 39	78 46	76 52	68 50	€9 52		72 52		70 43	73 45	80 47		81 48	77 49	80 50	82 47	78 57	74 56	89 56	65 48		80 45	81 58	78 60	81 54	85 51	75.8 49.1
EST LIBERTY WATER WX5	MIN		79 55	80 56	78 51	70 37	65 38	7 i 42	78 45	73 49	57 50	70 43	73 44	67 38	68 39	79 46	79 47	80 44	83 44	82 46	80 52	83 56	84 59	80 58	74 58	64 49		85 45	80 46	80 55	82 55	80 56	75,3 48.3
TLUTAMSBURG	MAX	75 54	80 57	78 56	74 51	85 39	72 44	74 44	7 4 51		70 53		71 54	67 35	79 40	80 48	82 49	80 49	78 46	75 45	75 60	82 53	79 52	71 52	68 54	66 49		73 45	80 53	83 54	83 52	81 48	74.8 48.9
TLLIAMSTOWN	MAX	75 56	79 57	76 56	59 41	59 38	58 43	74 49	71 53	55 48	66 49	72 49	71 48	62 41	75 50	75 51	80 46	81 53	79 53	76 53	71 55	78 45	74 59	65 55	65 46	63 44		78 52	79 60	78 69	75 56	82 57	71.8 50.4
OLF CREEK DAM	MAX	83	83	86	81	70	72	78	81	75	58	74	78	72	78	83	87	90	88	64	77 59	78 45	83 54	77 86	77 58	72 51	70	74 42	80 54	81 55	82 · 56	57 52	78.6 51.1

# EVAPORATION AND WIND

Table 6

SURGIN

				_			_					-		-		_	*****	-	-	Marker to record									to the relation				-
																1	Day	of vaco	sth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	2.1	22.	23	24	25	26	27	28	29	30	31	Total or ave
	EVAP					.11	•	.16	.10	.05			.11		.08	.12	.10		.08		.05	.07	.05	.04	.08	.07	.09	.04		.12	.08	.06	2.47 143
CREEK DAW	EAVE		.08	.10	.11	.14 21	.11	.11	.11	.0a 20	34	.09	.15 23	.17 25	.14	.13	.12 2	.12	, 11 1	.12	.07 18		.16	* 2	.07 10		, 10 7			.11 24	.11 16	.10 5	3.17 359

#### STATION INDEX

CTOBER 1950

Station	County	de i ude	Obser- vation time Observer	Refer	Station	d County	Obs	Ref.	
	Index	Dramage Latitude Longitude	Elevat Temp. Precip	tables		xopuj		tabl	
ADDISON OAM 43 ADDLPMUS 1 K ALLEN ANYMORAGY ASKCAMP	0031 STECSISTINGE 0043 ALLIN 0095 FLOYD 0155 JEFFERSON 0246 PIES	7 37 53 66 34 3 36 39 85 16 1 37 35 82 43 7 38 10 65 33 1 37 16 32 26	380 8A CORPS OF ENGINEERS 500 7A IDEAL M. ELANING 650 6A MANNIS AUXIES 700 7P 7P C. S. BARRET 1100 8A MASY 5. RATLIFF	3 4 3 4 3 2 3 5 3	-LOCKYCRY LOCK 2 LOGLICE 1 3 LONDOW 3 8M LOUISA LOCE 5 -LOUISYTLLE BOWMAN FIRLE	4957 RENRY 4862 CLARK 4693 LAUREL 4943 LAWRENCE 4951 JEFFERSON	4 37 51 64 D2 2 37 05 64 08 1250 1 38 07 82 37 564	5A COPPS OF ENGINEERS 3 EID MAS. H. BEEGENS 3 4 EID U.S. FOREST SESTICS 3 4 EID U.S. FOREST SESTICS 3 4 EID CORPS OF ENGINEERS 3 4	
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\$ 1-BIG SARDY; 2-COMMERCAND; 3-GAREN; 4-MENTUCKY; 5-LICSING; 8-SISSISSIPPI; 7-DHIO; 6-SAIT; 9-TENKESSES

#### REFERENCE HOTES

The four digit identification numbers in the index number column of the Station index are assigned on a state basis. There will be no duplication of numbers within a winter

Figures and letters following the station name, such as 12 35%, indicate distance in silen and direction from the most office.

Delayed data and corrections will be carried only in thy June and December issues of thin bulletin. Boathly and measonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin

Stations appearing is the ledex, but for shich data are not listed in the tables, are citber missing or received too late to be included in this issue

Unless otherwise indicated, dimensional units used in thir bullwin arm: Temperaturew in 'F, precipitation and ovaporation in inches, and mind novement in miles. Swaporation is measured in the standard Meather Sureau type pan of 4 foot dimentor unless otherwise above by footnote following Table 6.

Sloet and hail were Ascluded it smoofall averages in Table 1, haginning eith July 1948.

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WEATHER BUREAU

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# CLIMATOLOGICAL DATA

KENTUCKY

NOVEMBER 1950 Volume LV No. 11



#### KENTUCKY - NOVEMBER 1950

O. K. Anderson, Section Director - Louisville

#### WEATHER SIMMARY

The weather during November was remarkably cold, cloudy, wet and windy, and there was a marked deficiency in sunshine. Precipitation, either as rain or snow, was frequent with the aggregate amount much above normal. Records of extremes, in both the daily maximum and minimum temperature, were broken at several locations during the month. It goes down in Weather Bureau annals as the coldest November on record for the State as a whole. Snowfall was unusually frequent and the average fall for the month was the greatest on record. Losses due to winds, a snow storm and a cold wave were especially heavy. Numerous fatalities were attributable directly or indirectly to the snow storm and cold wave. Farm activities were generally restricted due to the cold weather and large amounts of snow.

The month began unusually warm and during the first 2 days the daily mean temperature was much above normal. It was during this period that daily maximum temperatures at several stations were broken. During the following days, until the 21st, there were alternating periods of warm and cold weather. On the 21st cold weather set in and it remained cold until the end of the month. On the 24th and 25th mean temperatures were as much as 30 to 35 degrees below normal. It was during these two days that most locations reported below zero readings and minimum temperature records were broken at several stations. A severe cold wave swept over the district on the 23rd causing a drop of more than 50 degrees by the morning of the 25th. The highest temperature throughout the State occurred generally on the 1st and the lowest on the 25th. All sections reported minus departures from the normal. The mean temperature for the State was 41.0° which is 5.4° below normal, making this the coldest November on record. The monthly mean temperature ranged from 44.1° at Somerset 1 N and Wolf Creek Dam to 37.8° at Covington WB Airport. The highest temperature reported in the State was 86° at Paducah, Wolf Creek Dam, and Pikeville on the 1st. The lowest was 8° below zero at Princeton and Mammoth Cave Park on the 25th. This is the second coldest minimum temperature ever recorded in November and the lowest since 1929 when the minimum was 9 below zero, which is the lowest on record.

The precipitation was above normal in all divisions of the State. While amounts between different locations varied quite a bit, the distribution over the State as a whole was equable. Precipitation of various intensities occurred on 23 days during the month with generally heavy amounts on the 37d 4th, 9th, and 20th. Considerable snow fell over the State from the 23rd to the 27th. The average precipitation for the State was 5.20 inches, which is 1.73 inches above normal. The total amount so far this year is 61.19 inches making this the wettest year on record. The total amounts recorded this month at the various stations ranged from 8.46 inches at Willow Lock 13 to 3.18 inches at Central City. The heaviest rainfall reported in any one day was 2.90 inches at Hopkinsville 2 E on the 20th. The monthly average of snowfall was 6.5 inches, which is 6.0 inches more than normal. This is the greatest amount ever recorded in November. The greatest monthly amount was 21.5 inches at Benham; the least 1.3 inches at Paducah CAA. The greatest depth on the ground was 18 inches at Cynthiana on the 27th.

November weather was generally unfavorable for farm activities. Principal activities during the month were combining soy beans, gathering corn and stripping of tobacco. Pastures were failing and stock feeding was becoming heavy. After the 23rd of the month, all farm activities, with the exception of stock feeding and tobacco stripping, were restricted because of the cold weather and the snow cover.

Property damage was great during the month. A severe windstorm on the 20th, extending in a path from Hopkins and Muhlenberg Counties in southwestern Kentucky to Georgetown in the central Bluegrass area, accounted for over half a million dollars damages to property and crops. The cold wave, accompanied by a snowstorm in the period of the 23rd to 28th, attributed directly or indirectly to 15 fatalities. It had a paralyzing effect upon the State with most roads closed and many businesses interrupted. The snowfall was reported to be an unprecedented November fall in many areas. The sudden temperature drop in this period may have destroyed a large portion of the 1951 peach crop in Henderson County. W. S.

#### ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletim series contains records from Bydreolian experience of the contains records from Bydreolian to the contains records from Bydreolian to the recording type which produce continuous records of precipitation. It was resoliated in 1803 at the request of the Orpe of Angineers, bepartment of the resoliated in 1803 at the request of the Orpe of Angineers, because of the relative to the resoliated which is the request of the orpe of Angineers, because of the relation of the relative the record of the relative the record of the relative the relative that the relative the relative the relative that the relative the relative the relative that the relative the relative that the relative the relative that the relative the relative that the relative the relative that required in its work, and since 1847 the Bureau of Reclamation has transferred about \$250,000 per year the relative transferred about \$250,000 per year to provide that required in its work, and since 1847 the Bureau of Reclamation has transferred about \$250,000 per year to provide the Vestern Staten.

Previous to the introduction of this hulletin seriee, dats from Wydroclimatic Network etations were presented in hulletins (Mydrologic Bulletins) which were issued southly for each of 8 drainage areas enbracing the entire United States, but since the Network was established to neet the internal requirements of the second of the second second public discensimation of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Mydrologic Bulletin Series are evaluable for imagection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

# SUPPLEMENTAL DATA

NOAEMBEE 1820 KENLIK KA

	Wind	direction		Wind	speed p h		Relati	ve hum	idity ave	rayes		Numb	our of de	sys with	precipi	tation			in see	
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889 43.1 85 10 6.04 1912 45.2 82 10 1.22 0.2 4 133.3 47.3 85 11 3.86 T. 890 48.5 75 10 6.04 1913 50.5 81 8 3.25 0.9 9 1936 42.9 81 10 3.50 3.4 891 43.5 75 10 6.04 1913 50.5 81 8 3.25 0.9 9 1936 42.9 81 10 3.50 3.4 892 42.3 79 - 2 3.85 1916 47.8 83 85 16 4.80 0.4 9 1938 42.9 81 10 3.50 0.6 893 42.8 80 8 1.32 1918 46.9 83 5 1.23 0.4 5 1937 43.2 82 6 1.63 0.6 894 43.3 80 8 1.32 1918 47.8 83 8 1.52 T 4 1939 43.6 79 14 1.16 T 898 43.3 80 8 1.32 - 4 1917 44.3 78 11 1.23 0.1 5 1940 43.6 79 14 1.16 T 898 49.3 80 15 1.32 - 7 1918 46.1 77 81 11 1.23 0.1 5 1940 43.6 80 6 2.70 0.9 899 49.8 80 10 2.79 0.5 8 1921 49.8 81 92.2 42.8 81 81 3.3 0.2 81 81 83.2 81 81 81 83.2 81 81 81 83.2 81 81 81 83.2 81 81 83.2 81 81 83.2 81 81 81 83.2 81 81 81 83.2 81 81 81 83.2 81 81 81 83.2 81 81 83.2 81 81 81 83.2 81 83.2		Т	emperatu	ire	Pi	recipitatio	on		Т	emperatu	10	Pr	ecipitatio	n		Т	emperatu	10	Pr	recipitatio	n
890 43.5 81 19 4.87 1913 50.5 81 8 5.25 0.9 9 1036 42.9 81 10 3.50 3.4 10 199 43.6 75 10 6.04 1914 66.9 83 5 1.23 0.4 5 1937 43.2 82 6 1.63 0.6 10.6 199 43.4 10 199 4	fear	Average	Highest	Lowest	Average	Average	of day	Year	Average	Highest	Lowest	Average	Average	g o	Year		Highest	Lowest	Average	Average	30
	8889 890 991 892 893 894 895 896 897 898 899 900 900 900 900 900 900 900 900	48.6 43.5 42.8 44.3 43.8 45.8 49.3 47.8 43.2 49.8 47.0 41.8 42.5 42.5 44.7 46.4 46.1 44.2 48.6 54.7	81 75 78 79 80 85 80 78 80 79 83 82 90 81 79 79 93 75 80	19 10 9 - 2 8 16 11 12 10 20 15 11 20 5 14 14 14 11 15 8	4 .87 6 .04 3 .85 3 .12 1 .32 4 .29 5 .01 4 .69 2 .79 2 .12 7 .78 1 .52 4 .42 3 .01 0 .89 2 .55 5 .02 3 .49 2 .61			1913 1914 1915 1916 1916 1917 1918 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931	50.5 46.9 49.8 47.8 44.3 46.1 47.4 44.7 49.8 48.3 46.7 44.9 42.9 51.3 46.8 44.6 47.1 55.0	81 83 85 83 78 79 79 79 87 75 83 73 80 82 78 81 86 84	8 5 16 8 11 19 16 10 20 10 16 13 8 0 13 10 9 4 19 11 10	3.25 1.23 4.80 1.52 1.23 1.90 7.31 2.21 7.96 1.93 3.65 1.82 5.13 3.40 3.93 4.03 3.52 2.71 1.54	0.9 0.4 T 0.1 0.0 T 2.8 T 0.4 0.0 0.1 2.0 0.1 7 3.0 1.0 T	9 5 9 4 5 6 9 8 12 6 9 9 7 9 10 11 10 10 10 10 10 10 10 10 10 10 10	1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950	42.9 43.2 47.9 43.6 45.8 46.0 49.8 44.5 46.5 48.1 51.2 49.7 45.4	81 82 83 79 80 85 80 85 84 86 88 70 87	10 6 2 14 6 9 18 13 18 16 15 11 18	3.50 1.63 3.68 1.16 3.70 2.80 4.88 1.33 2.45 5.64 3.45 2.82 7.71 1.82 5.20	3.4 0.6 3.7 T 0.9 T 0.2 0.2 0.1 0.0 T T 0.3 6.5	

				Tempe	rature									Precipitati	on				
								No. o	days		_			Snov	v, Sleet, Ha	il	No	of day	ув
Station	Average	Departure from norma	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Mex. depth on ground at oben.	Date	.01 or more	.25 or more	1.00 or more
WESTERN DIVISION																			
BEAVER DAM FORDS FERRY DAM 50 GREENVILLE 2 W HENDERSON 4 SW 81CKMAN	40.8 42.4 41.9 41.1	- 6.7 - 5.3 - 8.4	84 82 82 82	1 1 1	- 4 - 1 6 - 5 5	25 25 25 25 25 25	723 678 690 707	0 0 0 0 0	19 17 19 18 16	3.90 4.68 4.70 5.38	.66 1.53 1.26 1.91	.76 1.30 .98 1.59 1.00	19 20 20 20 20	4.0 2.6 2.5	2 4 3 3	24 24 26 24	11 9 12 13	6 5 7 6	0 1 0 2
BOPKINSVILLE 2 E LOVELACEVILLE MADISONVILLE 1 SE MAYFIELD 2 S MURRAY	40.8M 42.1 42.0 42.9 43.6	- 7.5 - 5.7 - 5.6	85 82 82 81 83	1 1 1 1	- 4 - 3 - 2 - 2 - 1	25 25 25 25 25 25	735 688 693 658	0 0 0 0	18 17 19 17	E5.66 6.06 4.83 E4.43 5.08	1.85 2.56	2.90 2.20 1.49 .95 1.17	20 20 20 16 19	3.0 4.0 4.0 2.0 2.0	4 2	24	10 10 8 10 10	5 6 6	1 2 0 2
OWENSBORO PADUCAH CAA PADUCAH PRINCETON RUSSELLVILLE	40.8 40.8 40.6 41.8 41.5	- 5.9 - 7.9 - 5.3 - 4.8	84 82 88 83 82	1 1 1 1	- 7 - 3 1 - 8 - 4	25 25 25+ 25 24	723 726 692 645	0 0 0 0	19 19 19 17 20	E4.89 5.51 E5.63 E5.29 5.57	1.62 1.79 1.62 2.32	1.46 1.25 1.94 1.35 2.21	20 20 20 9 20	2.0 1.3 2.0 2.5 7.0	2 1 2 3 6	24 23+ 24 24 24	8 14 11 9 10	6 8 5 8 6	1 1 3 2 2
DIVISION	41.7									5.12				3.0					
CENTRAL DIVISION ANCHORAGE BARDSTOWN S J PREP	39.4 41.3	- 5.2	85 83	1	- 2 - 5	25 25	765 710	0	19 17	5.99 4.59	2.94	1.26	19	7.9	7	26	14 12	5 7	3
BOWLING GREEN WB AP BURGIN DIX DAM CAMPBELLSVILLE	40.7 41.8 41.1	- 7.5 - 5.7	82 82 80	1+1	- 7 - 4 6	25 25 25	724 702 712	0 0	19 17 18	4.28 5.61 4.16	.45 2.55	1.17 1.36 1.17	19 20 9	5.0	4	24	11 15 10	6 8 6	1 2 2
CARROLLTON COVINCTON WB AIRPORT DANVILLE FRANKFORT LOCK 4 GREENSBURG	41.5M 37.8 40.7 40.8 40.5	- 4.9 - 5.5 - 5.3	83 79 83 84 84	1 1 1 1 1	1 0 - 3 2 - 3	25 25 25+ 25+ 25+ 25+	705 813	0 0 0 0 0	17 19 20 20 19	5.37 5.80 4.14 4.29	2.48 1.00 .72	2.00 1.16 1.74 1.29 1.40	20 19 20 20 20	8.0 4.5 4.4	6 4	26 24 26	16 15 17 11	9 6 6 8	1 2 1
IRVINGTON LEITCHFIELD LEXINGTON WB AIRPORT LOUISVILLE STAN WB LOUISVILLE WB CITY	40.6 40.2 38.5 40.5 41.7	- 6.0 - 6.5 - 6.3 - 4.5 - 5.0	82 81 80 83 83	1 1 1 1	- 7 - 5 - 3 - 1	25 25 25 25 25 25	733 740 792 737 702	0 0 0 0	18 19 20 19 13	5.58 5.24 5.04 5.03 4.95	2.45 1.45 1.70 1.42 1.34	1.67 1.20 .88 1.00 1.35	20 9 20 20 19	3.7 5.3 9.7 4.8 4.1	3 4 8 4 4	26 24+ 27 26 26	13 14 15 13 13	7 6 6 7 6	1 2 0 1
MAMMOTH CAVE PARK ST JOHN BETHLEHEM ACAD SCOTTSVILLE SBELBYVILLE 2 W SOMERSET 1 N	40.1 39.0 39.7 39.9 44.1	- 4.0 - 6.6 - 5.0	81 84 82 82 79	1 1 1 1	- 8 - 6 - 6 - 4 - 2	25 25 25 25 25 25	721 747 752 682	0 0 0 0 0	20 20 20 18 17	4.63 E5.32 E5.82 E6.85 E6.93	1.22 1.93 3.49	1.58 1.60 1.99 1.80 1.03	19 20 20 26 2+	5.1 3.2 5.0 5.0	3 4 4 2 5	26+ 27 24 24 25+	13 12 11 15 14	5 7 7 8 9	1 2 2 2 2
SUMMER SHADE WILLIAMSTOWN WOLF CREEK DAM	37.9M 39.4 44.1	- 5.8	81 86	1	- 7 - 1 0	25 25 25	807 768	0 0 0	18 18 17	4.40 6.55	1.54	1.44 1.30 1.62	20 20 3+	4.1	4	24+	16 12	6 8	1 2
DIVISION	40.5									5.27				5.0					
EASTERN DIVIS:ON																			
ASHLAND DAM 29 BARBOURVILLE BENHAM BEREA COLLEGE COMBIN CAA	42.4 39.9M 40.2 39.4 40.1	- 4.4	84 82 80 81	1 2 1	7 2 3 - 3 0	25 25 25+ 25 25	673 747 762 741	0 0 0 0	14 17 19 20 17	4.92 5.30 6.14 5.45	2.93	1.45 1.10 1.50 1.08 1.13	20 24 20 20 20	14.6 21.5 8.3	9 5 8	27 25 27 27	17 13 14 13	6 7 8 7	3 3 2
FARMERS GRAYSON HEIDELBERG LOCK 14 HINDMAN SETTLEMENT MANCHESTER	41.3 40.4 40.8 39.2 43.3M	- 3.7	82 84 81 80 84	1 1 1 1	0 5 4 - 2 3	25 25 25 25 25 25	706 737 706 654	0 0 0 0	16 17 16 19	5.40 5.03 5.94 5.01 E6.34	2.40 3.24	.87 1.13 1.38 1.05 1.04	20 4 4 3 4	8.8 10.9 6.7 13.0	7 9 6 10 13	26 27 27 27 27 26	16 17 18 15 12	8 6 8 8 10	0 1 2 2 3
MAYSVILLE DAM 33 MIDDLESBORO MOUNT STERLING PIKEVILLE RICHMOND TEACHERS COL	40.3 42.0 41.0 42.5 40.3	- 4.9 - 4.2 - 4.6 - 6.9	84 81 74 86 81	1 1 1 1	1 3 2 6 0	26 25 25 25 25 25	682 652	0 0 0 0	18 16 16 15 17	4.39 E4.18 4.68 3.90 5.80	1.34 .81 1.12 2.72	1.40 1.55 1.10 .92 1.52	20 20 20 4 20	12.0 9.5 7.5	7	27+	16 10 13 15 15	6 7 6 7	1 1 0 1
VANCEBURG WEST LIBERTY WATER WKS WILLIAMSBURG	42.4 42.0 41.8	- 5.1	83 78 83	1 1 1	1 5 1	25 25 25	678 689	0 0	16 16 17	5.49 4.86	1.63	1.05 1.54 1.05	20 4 20	5.0	5 8 5	26 26 26+	14 15	6	2
DIVISION	41.1									5.18				10.7					
STATE	41.0	- 5.4								5.20	+ 1.73			6.5					

DAIIV	PRECIP	ITATION

able 3									I	AC	ILY	Z I	PR	EC:	[PI	TA	TIC	NC											NOS	Muri 1820
Station		2	3	4	5	6	7	8	9	10	11	12	13	14		of mo		18	19 20	21	22	23	24	25	26	27	28	39	30	31 1
ADDISON DAM 45 ADDISON DAM 45 ADDIPHUS 1 N ADDIPHUS 1 R ALLEN	RI R	17 18 84	40 85 18 43	51 15 23 04 90	05	.02	.07	25 19 16 43	75 78 30 50	42 34					03	.41 .3N 21 1N	T 14		.35 I 20 .60 98 13 1.63 57 I 22	.89	.04	10 19 05 11	15 E 70 19	02	03 04 .02 19	.03	01		Т	4 03 1 91 74 14 4 12 3 09
ANCHONAGK ASH: AMP ASHLANO DAM 29 BARBOUNVILLE BARBOUNVILLE	R	21 50	4I 27 .46	.53 1.03 1.45 .95 14	.01 .12 .02 .06			.24 .02 .04 03	1.24 .09 47 51	37 19 04					.02	.0R .60	5R		1.28 1 24 40 51 .53 1 10 .50 1 12	50 .77 T	.03	17 05 03	07 36 .00 20 43	92 01 04 00	.19 T 30 27 25	90 18 10 12	00 02	04		5 89 5 87 1 92 5 60
BARDSTOWN S J PHEP SCH BAXYER HARLAN WITH WKS BEAVER DAM BENNOM SENTON	e <sup>l</sup>	.08 25 .04	22 .59 18 02 46	42 31 .56 1.03	T 07		10	35 .36 T	. 10 73 T	.35				.05	.05 T	34 .14 .48 T			.68 .60 39 1.18 .78 48 .05 1.05	35	.02	. 10	17 18 12 1 50	08 .50	T 37 .08 25	T 05 06	0.5	т	r	1 58 1 55 9.90 5 30
BEREA COLLEGE BEREA COLLEGE BEREA WATER WORKS BOSTON 2 SW BOWLING GREEN	R	1.05 1.16	67 60 1 48 .05 .08	.19 15 73 .42 52	.08 .03 18 .09 .08			.07 .29 .06 .33 .17	55 20 . 26 N7 . 58	34 .14 37					.02	1.01 1.02 .95 .39	. 03		. 78 1 08 . 73 I 05 . 17 1 23 . 29 . Re 25 2 10	.03	.07	.04	20 .07 .28 12 .55	T T .06	22 01 20	.08 .07 31 .02	T 04 04			9 14 0 50 6.79 3.81 5.08
BOWLING OREEN SUBSTA BOWLING GREEN WH AP BOWLING ORENN WE AP BRENT DAM 36 BROWNSVILLE LOCK 8	R	. 14 . 13 T	.07 36 .30 T	.27 .12 .07 .55	. 64		Т	.08 26 .62 .12	.58 .61 .40 .84	.19	T				. 13 T	.32	T.		.24 2.44 1.17 .93 .08 2.00 .39 1.96	. 04	T -	.21 .04 .02	.28 .U2 16 .04	.01	T .43 .04	02 T 08 01	. 03 T	Т	т	4.87 4.28 5.38 4.64
BURGIN DIX OAM BURNSIOE CAD12 LOCK E CAMPSELLSVILLE CARROLLTON		T .03 29	.24 1.28 .02 .16	. 58 . 80 . 75 . 21	. 10			.31 T .22 .08		.25 .54 .03					.56	.25 .70 .27 1.08	.03	Т	.21 1.36 .20 1.73 .32 1 49 1.02 .55	.07	.03	.07	.08	.05 T	T	20 T	т			5,81 6.0R 4,63 4.18
CARROLLTON LOCK 1 CARROLLTON LOCK 1 CENTRAL CITY WATER WAS 1 CLINTON COLLEGE BILL LOCK 11	2	. [1 11	.75 .34 .71 81	.88 15 .19 .23 .70	. 05		.03	.65 .92 .20 40 .17	.75 .50 .69 .62 49	.05				.08	.18 .02 .18	40 .25 .37 .99 .63		10.	.45 1.55 1.03 .88 .69 .60 .58 .76		.04	.05 .19 .07 .20	.21	T .35	.65	.10				5,90 5,74 3,18 4,96 4,68
COLUMB:A LW COLLEGE CONSTANTINE CORSIN CAA AP COVINGTON W 8 AIRPORT CYNTBIANA	1	1.06 03 .28	1.06 .46 .87 .31 .02	.70 .16 .15 .30 48	T		.02	.60 .54 .11 .93 .22	. 89 . 33 . 37 . 43	T ,34	т				.02 .15 T	.25 .55 .51 .28 .20	. 10		.79 I.06 .67 I.13 1.16 .97	1.85 T	T .06 .04 .03	T .14 .15	.30 .28 T	.04	.18	.07 .04 .17	04 T .01 T	T T		5,64 5,45 5,37 5,28
DANVILLE DAYSLLA DELPHIA 1 E DENA DUNDEE BARRETTS FRD B		.08 .89 .32	.54 49 27 1.20	.64 47 .74 .71	.07			.57	1.25 .35 .32 .23 .95	.26 .16 .32 .05						.22			.23 1.74 .32 .90 .42 .93 .51 .43 .45 1.50	.07		10	.26 .50 .56 .02	T . 18 . 10 . I0	10 .19 .04 .48 .02	.07 .03 41	. 03			5.80 4.09 4.36 4.76 4.94
NUMBER BARRETTS FRO B F DUNNOR DUNNVILLE BOOYVILLE LOCK F EDMONTON		. 03		.14 78 1.75 .70 .35	. 08		.02	.69 47 .08	.84 .90 .95 .76	.02 .R5 .02 .35					.12	.72 .50 .50 .95			.82 1.40 .21 1.45 .25 1.82		T	- ;10	. 22 . 15 . 17 £. 40	.04	.05					4.25 5.05 E5.28
DMONTON ELIZABETHTOUN FALMOUTH FARMERS LEMINGSBURG		.62 .04 .38	. 31	.11 .44 .56 .83 49	.10 .05 .08 .06			.52 .30 .25 .19 .14	.62 1.03 .34 .32 .72	.13 .15 .33 .13					.06	.59 .77 .05 .75	.01 T		1.00 1.04 .34 1.50 .18 1.91 .07 .81	.07		.07 .07 .06 .05	E.30 .17 .22 .22		.12 .48 .48 2.15	.03 T .05 .18	T .01 03	T .04	T T	E 5.08 4.74 5.40 6.39
PLEMINGSBURG POST OFF FORD LOCK 1 FORDS FERRY DAM 5 FORDS FERRY DAM 5 FRANKFORT LOCK 4		.38 .07 .07 .22	. 40 . 29 . 46 . 14	.22 .55 .55 .20 .46	.09 T		. 56	.37 .20 .76 .41	.37	.43 T	т			Т	.26 T *	.19 .02 .78 .75	.02		1.24 .67 .04 1.08 .24 1.30 .79 .72 .08 1.28	.33 T	.03	.10 .15 .02 .20	.02	.20 .50 T	.17 .12 .03 .28	.10 T T	т		Т	4.85 4.68 1.68 4.68 4.14
PRANKLIN WATER WORKS PRANKLIN WATER, WORKS PRENCHBURG BEORGETOWN WATER WORK BEST LOCK 3		.33 .60 .19 .30	. 29 . 24 . 78 . 08	.35 .04 .60 .64	.12			.15 .72 .28 .24 .28	.89 .51 .76 .50	.11					.01	.43 .46 1.20 .20	.06		.20 2.35 .94 1.57 * 1.08 .31 .96	T			.24 .09 E.30 E.30	* T		.04	. :	1.40		5.19 4.98 84.10 84.81
EST LOCK 3 F LASGOW FRANT DAM 38 FRAYSON FREENSBURG		.25 T	.30	.20 .30 .60 1.13 .40	. 13 . 05 . 05			.47 .15 .80 .09	.60 .53 .07	.35 .18 .21 .25					Т	.17 .32 .35 .54 .30	.03		1.09 .86 .20 2.10 .40 .30 .08 .74 .35 1.40	.49	.09 T	.21 .02 T	.02 .35 .09 .22 .30	.09 T .02	.13 .06 .32 .41 .05	.05 .05 .33	.01	т	Т	4.56 5.24 4.06 5.03 4.29
RESNUP DAM 30 REENVILLE 2 W MALEYS MILL ARTFORD 6 N MAZARD			.46 .25 .18 1.11	.77 .57 .60 .53 .17	. 02		. 02		.12 .96 .47 1.02 .28	.26					.11	.15 45 .40 .77 .19	.15		.78 .98 .36 - .53 1.46 .43 .71	-	-	.01 .05 T	.08	. 07	.02	. 08	.01	.02	T	3.62 4.70 5.07
AZARD WATSR WORKS EIDELBERG LOCK 14 EIDELSERG LOCK 14 ENDERSON 4 SW EBNDON		.10	.93 1.15 1.40 .18	1.19 1.38 04 .47	.09		.16	.02 .07 .18 .36	.02 .12 .43 1.09	.30 .42 T					T ;14	.04 .55 .81 .48 .62	. 17		.04 .59 .05 .56 .48 .83 .45 1.59	. 58	. 03	.03	.30 .27 .32 .20 .07	.08 .05 .16	.19 .23 .18 T	.06 .14 .06	.01	.02		4.66 5.94 6.05 5.38 3.32
ICKMAN ICKSVILLS IGH SRIDGS LOCK 7 IINDMAN SETTLEMENT SC ODGENVILLS NAT PARK S		.26	. 15 1.05 . 25		.08		•	.19	. 68 . 78 . 84	.07 .42 .32					т	1.29 .07	.01		.05 1.00 .31 1.25 .17 1.26 .10 .60 1.04 .86		. 05	.14 .40 .18	. 10 . 13 . 21 . 24 . 08	. 11	.27	. 08	T .03	T .04 !		4.84 4.73 5.01 4.67
HOPKINSVILLS 2 E HYDON HAVINGTON JENKINS :	R	. 65	. 12 2.03 . 24 1.59 . 33	.45 .08 .69				.17	. 61	.38					. 15	.77 .39 .41 .08 .08			2.94 1.66 .54 1.6 .71 .29 1.0	.43	.07	.15	E.60	1.20 E.10	.18 E.10 I	.02 E.10	E.20	Т		5 5 . 66 5 . 28 5 . 58 E4 . 44 4 . 38
JEREMIAB KINTU'RY DAM LANCASTER ICE PLANT LAURA LEITCHFIELD		.57		.12 .81 .76 1.03 .60	. 03 . 60 . 75 . 08				.32 1.09 .72 .35 1.20	.02						1.24	.04		1.15 .16 .20 1.95 2.06 .07 86	1.14	T .04	.15	.25	T + .32:	.35	.09	.48	.03		3.80 6.13 6.13 6.04 5.24
LSKINGTON #B AIRPORT   LIBERTY   LIBERTY   LIBERTY   LITTLE HICKMAN LOCK 8   LITTLE BICKMAN BICKMAN LOCK 8   LITTLE BICKMAN BICKMAN BICKMAN BICKMAN BICKMAN BICKMAN BICKMAN BICKMAN BICKMAN BICKMAN BICKMAN BICKMAN BICKMAN BICKMAN BICKMAN BICKMAN BI		.63	.53 .70 .59 73 44	. 24 . 65 . 06 . 63 . 08	. 07			.02 .24 .19 .57	.77 .40 .53 .80 .70	.33					. 02	.16 .65 .65 .33	-		.75 .88 1.65 1.04 .68 .20 1.28		.16		.14 .24 .21 E.05		.40 .20 .30 E.30 I		T.05	r	Т	5.04 5.23 5.09 £5,86
LOCKPORT LOCK 2 LOGLICK 1 S //I LONDON 3 SW 1 LOUISA LOCK 3 LOUISA LOCK 3		.34 .58 1.22	. 89	.64 .17 .06 1.50 .58	.07			.37 .53 .18 .20 .13	.60 .28 .32 .10	. 10						.17 .62 .67 .60 .64	. 02		.61 .72 .73 - .50	.50	.11		.41		1.00	.24 - E 20	E.10			6.11 E6.50
LOOISVILLE BOWMAN FLD I LOOISVILLE STAN W 8 A I LOUISVILLE OPPER GAGS LOUISVILLE W8 CITY I LOVELACEVILLS	R	.33 .26 .13 .15	.51 .59 .42 .50	. 22 . 20 . 17 . 21	.04		T T .35	. 32	.82 .74 1.07 .81 1.18	T .07					. 01 T T . 37	. 25 . 21 . 25 . 20 . 90			1.26 .91 .97 1.00 .32 2.54 1.35 .95	,	.14	.07 .15 .20 .05	.01 T .05 T	.08	.35	T T T	т	Т		5.05 5.03 5.05 4.95 6.06
LUCAS IN MADISGRIVILLE 1 SE MADISGRIVILLE 1 SE MADISGRIVILLE 1 SE MADISTRE CAVE PARK MANGHER EAVE DANK MANGHER CAVE DANK	R .04	.16	. 29 . 15 1.01	.10 .68 .28 1.04	.01		. 18 T	.58 .36 .16 .09	.47 .85 .78 .71 .10	T .76				.10	.01 .15 .20	.17 1.01 .90 .25 T	. 42	. 11	.84 1.15 .32 1.49 .54 1.22 1.58 .90 .30 1.02	T .32	.03		.11 .19 E.60 E	. 40 E	.37 T	.04				4.62 4.83 4.63 E6.34 6.10
											See	rafere	100 BC			ation In	.xeb													

See reference notes following Station Index.

## DAILY PRECIPITATION

KENTUCKY

Table 3-Continued															Da	y of r	nonth													NOV	EMBER	1950
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	_	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
MAYFIELD SUBSTA MAYFIELD 2 S MAYSVILLE OAM 33 MAYSVILLE OAM 33 R MC KINNEYSBURG //R		. 36	.35 .39 .31	.83 .45 .38 .20	. 12	-	. 06	.16 .23 .12 .29 .28	. 27	. 51					.1	1.0	т		.75	1.40	. 50		.03		:	.23	.16	.01	.03			4.26 E 4.43 4.39 4.34
MIDDLESSORO MIOOLESSORO RR 5TA R MIOWAY 2 S MILLERSSURG R MILLERSTOAN		.35 .14 .3	1.07 .20 .30 .38	.53 .13 .40 .15	. 02			.36								.2 .2 .0 .2			.35	1.55 1.50 1.00 .54 1.40		.06 .07 .20 .08	.01	E .70 .30 *	.02	E . 25 .10	. 05	1.25				E 4.18 3,91 4.58 4.27
MONTICELLO MOOREREAD STATE COLLEGER MOONT STERLING MUNFORDVILLE MUNFORDVILLE R		.42 .23 .17 .31	1.78 .89 .49 .16 29	.62 .13 .35 .28 .11	. 41			.41 .24 .09	. 49 . 65	. 16					.0				. 20 . 48 1.38			.04 7		.24 .19 .36 .32	.14		.02	. 02				6.85 5.71 4.68 4.21
MURRAY OLIVE RILL 1 NW OLNEY ONEONTA OAN 35 OWENSBORO		.03 .48 .03 .15	.05	.51 .12 .90 .2 .61	. 07		. 15	.20 .21 .53 .25	. 28	, 34					1 T	1 .8 .9 2.0 T				.89 1.82 1.46	1.48	.04	. 02	Τ • .40 Ε.20	T	1.20	.14	.02	.02			5.08 4.95 4.78 4.85 E4.89
OWENSBORO DAM 46 OWENSBORO DAM 46 R PAOUCAE CAA AP PAOUCAH PAOUCAH SCS NURSERY R	т	.09	.52 .48 T	.58 .12 .11 .65	.03 T		. 29 . 40 . 32	.25 .13 .56 1.15 .25	.85	.04 T				.0	.0 .1 0 .5 4 1.0 5 .4	1 .7		.08	.96	1.52 1.02 1.25 1.04 1.34	.02	.06 .06 .01	.05	-		.06	.02					4,53 5,51 E5,63 5,49
PAINTSVILLE PIKEVILLE PIKEVILLE PINEVILLE PLEASUREVILLE 2 S		.74	.9 .31 .25 .84 .42	1.10 .92 .89 .82	. 15			.01 .02 .01 .16	. 21	.32 .03 .16					Т	.0:	. 14		. 26 . 23 . 01	.42	45 T	. 03	. 05	E.40 .72 .84 .26	E.40 .09 .13 .23	E. 20 .07 .08 .17	E.23 T	E.10 .02 .02 .04	E.05			25,20 3,90 3,95 4,82
PRINCETON RAVENNA LOCK 12 RICHMONO E STATE COL RUMSEY LOCK 2 RUMSEY LOCK 2 RUMSEY LOCK 2 R		.05	.31 1.37 .78	. 41 . 64 . 64 . 20	. 10 . 05	. 64	. 39	.53 .08 .15 .76 .29	1.35 .20 .67 .86	. 14					. 1: T	. 5	.01		. 23	1.01 1.25 1.52 1.32 1.07	. 32		.08	E.25 .13 .25 .18 .01		.31	. 57	т	т			ES.29 5.43 5.80 5.20 4.78
RUSSELLVILLE RUSSELLVILLE SUSSTA SAGIEVILLE WATER WORK R ST JOHN SETHLEHEM ACA ST MARY		. 28	.58	.01 .63 .10 .62 .77	. 10	. 06		. 44	1.04 .50 .45 1.27	1.00					. 0	.43			1.13 .32	2.21 2.00 .69 1.60 1.38	Т	T .07	. 07	.30		.08 T * T	.40 E.06					5.57 5.59 4.03 E 5.32
SALVISA LOCK 6 SALVERSVILLE //R SCOTTSVILLE SEBREE WATER WORKS SHELBYVILLE 2 W		.29 1.20 .50 .20 .35	.08 1.21 .16 .08	.55 .19 .31 .52	.09		т	. 26 . 20 . 51 . 28	.82 .31 1.06 .78	.18					.0	. 40			. 39	1.53 .89 1.99 1.70 1.68	. 03 T	. 05 T	. 17 T	E.32 E.50 .16 .20		.03 1.80	E.09	E.13	. 09			E5.20 E5.82 5.34 E6.85
SMITHFIELO 4 5 R SOMERSET BINAY OEPT R SOMERSET 1 N SPRINGFIELO STEARNS R		.55 1.31 1.03 .23 .90	.63 .74 .94 .14 1.03	.23 .10 .16 .39 .13	. 04			. 64 . 24 . 09 . 36 . 18	.76 .73 .90 1.01	.02					. 0:	. 1 . 8 . 7 . 5 . 4	. 01		1.03	1.30 1.27 .98 1.83 1.17	. 06	.16 .03 .50	.07	F. 25	.02 E.25	.34 T .10		т				6.21 7.18 E6.93 5.37 5.80
SUMMER SHAGE SUMMER SHAGE SUBSTA TATHAM SPRINGS R TAYLORSVILLE TOMPKINSVILLE R		.17 .23 1.00	.72	.4S .07 .61	.07			.17	1.00 .60 .70 1.16	.40					. 0:	.5:			.18 .65	1 44 1.46 .75 1.20 1.87	.08	. 19	.05	.35 .20 .04 .20 .30	. 02 T	.08 T .09 .50	T T .04	т				4.78 3.93 5.48 6.13
TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN DAM 49 UNIONTOWN DAM 49 VALLEY VIEW LOCK 9		.10 .07 .07	.10 .03 .47 .46	.80 .42 .67 .19	. 12	. 65	. 22	.22 .26 .24 .84 .28	.75 .50 1.23 .56	.30					. 1: T . 0: . 3: T	. 18			1.00 .17 .27 1.10	.85 1.13 1.50 .65 1.55	. 22	.02	.19 T .16	.17 .33 .12		.25		т	т			4.72 4.39 4.66 4.64 5.22
VANCESURG VANCEBURG OAM 32 WAYNESBURG 6 E WE5T LIBERTY WATER WE WILLIAMSBURG		. 17-	.27 .35 1.50 1.26	.42 .44 .50 1.54	.08			.13 .14 .06 .20	. 55 . 15 . 50	. 49 . 30 . 33 . 56					. 0:	1.3	.03		. 16	1.05 1 07 1.25 .52 1.08	.03 .39 .30 .08		.03 .03 .06 .13	.06	T .03	1.23 25 .28 .05	.32 .10 .12	.15	.04 T			5.59 6.89 5.49 4.86
WILLIAMSTOWN WILLOW LOCK 13 WOLF CREEK DAM WOLF CREEK OAM R WOOOSURY LOCK 4			.11 1.65 1.62 .86	.48 .90 .07	.02	1.20		.22 .05 .28 .53	. 48 . 20 . 30 . 48 . 61	.40 .51						.01 .96 .51	.10		.18	1.30 1.65 1.62 1.07 1.42	.35	.15	. 02	.03 .25 .32 .26	.04	.37	.07 .88 .10 .03	.04	.03	. 17		4.40 8.46 6.55 6.25 3.87
WOODSURY LOCK 4 R		.09	. 44	. 14			.05	.10	. 59						, 0:	.44			. 90	.89		.01	. 11	.01		.04						3.86

1	2	.05	.05	.05 .02 .01 .188.12 .07	.01	.01 .03 .21 .12 .11 .15	.03	.01	.18		-2c -01 -08 -08 -05 -02 -02 -02 -17	.09 .07 * .18 .23 .04 .02 * .05	.04 .05 .01 .080402010101010101010101080108	4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.35 .01 3 .07 * * * * * * * * * * * * * * * * * * *	.055.088.100.122.002	.07 .01 .09 .02 .01 .03 .08 .08 .08	.01 .05 .83 .01 .01 .03 .03 .03	.01 .04 .01 .02 .02 .03 .09	.01 .04 .09 .05 .01	.01	.02
		.08	.05	.05 .02 .01 .188.12 .07	.06	.28	.11 .10	.01	.09	.08	.08 .08 .15 .05 .02	.09 .07 * .18 .23 .04 .02 * .05	.49	01 .0 01 .0 01 .0 01 .0 01 .0 01 .0 02 .2 002 .0 003 .0 025 .0 048 1	.35 .01 3 .07 * 1 .32 7 .08 9 .30 1 .01	.08 .10 .12 .20 .02 .05 .08 .04 .06 .05	.01 .09 .02 .01 .03 .02 .08 *	.83 .01 .03 .03 .03	.04	.04	.01	.01
		.05	.05	.05 .02 .01 .188.12 .07	.06	.28	.11 .10	.01	.09	.08	.01	.09 .07 .07 .18 .23 .04 .02 .05 .03 .01	.49	01 .0 01 .0 01 .0 01 .0 01 .0 01 .0 02 .2 002 .0 003 .0 025 .0 048 1	.35 .01 3 .07 * 1 .32 7 .08 9 .30 1 .01	.08 .10 .12 .20 .02 .05 .08 .04 .06 .05	.01 .09 .02 .01 .03 .02 .08 *	.83 .01 .03 .03 .03	.04	.04	.01	.01
		.08	.05	.05 .02 .01 .188.12 .07	.06	.28	.11 .10	.01	.09	.08	.01	.09 .07 .07 .18 .23 .04 .02 .05 .03 .01	.49	01 .0 01 .0 01 .0 01 .0 01 .0 01 .0 02 .2 002 .0 003 .0 025 .0 048 1	.35 .01 3 .07 * 1 .32 7 .08 9 .30 1 .01	.08 .10 .12 .20 .02 .05 .08 .04 .06 .05	.01 .09 .02 .01 .03 .02 .08 *	.83 .01 .03 .03 .03	.04	.04	.01	.01
		.05	.05	.02 .01 .188 .122 .07	.03	.01	.11 .10	.01	.09	.02	.08	* .18 .23 .04 .02 * .05 .03 .01 .02	.49	01 .00 01 .00 01 .00 01 .00 01 .00 01 .00 01 .00 02 .00 02 .00 03 .00 04 .00	3 ,07 1 .322 7 .08 3 .09 1 .30 1 .01	.12 .20 .02 .05 .08 .23 .04 .06 .05	.02 .01 .03 .02 .08 * .08	.83 .01 .03 .03 .03	.04	.09	.01	.01
		.08	.05	.02 .01 .188 .122 .07	.03	.01	.11 .10	.01	.09	.02	.05	* .18 .23 .04 .02 * .05 .03 .01 .02	.05 .01 .08	01 01 00 00	3 ,07 1 .322 7 .08 3 .09 1 .30 1 .01	.12 .20 .02 .05 .08 .23 .04 .06 .05	.01 .03 .02 .08 *	.01 .03 .03 .03 .03	.01	.05	.01	.01
		.08	.05	.02 .01 .188 .122 .07	.03	.01	.11 .10	.02	. 03	.02	.05	.04 .02 *.05 .03 .01	.08	01 .0 .8 21 .2 .0 02 11 .0 03 .0 25 .0	3 .09 1 .30 1 .01 3 .05	.05 .08 .04 .06 .05 .05	.01 .03 .02 .08 *	.01 .03 .03 .03 .03	.02	.01	.01	.01
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KENTUCE NOVEMBER 199

		A. M. I	Hour ending		P. 1	f. Hour ending		_
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TOMPKINSVILLE UNIONTOWN DAW 49 WOLF CREEK DAW WOODBURY LOCK 4	.01		01 .01 .06		04 .03 .02 .04 09 .08 .05 .05 .01 .03 .03 .05 .03	.03 .02 .01 .02 .11 .07 .05 .03 .03 .01 .03 .07 .06 .08	.04 .03 .01 .02 .03 .03 .01 .01 .05 .02 .01 .01	.57 .47 .86 .44
ADDISON DAM 4S ADDIPUS 1 N BARBOUNTILE BARBOUNTILE BENTON 1 N BENTON 1 N BENTON 1 N BENTON 1 N BENTON 1 N BENTON 1 N BENEAR COLLEGE DOWLING GREEN WB AP CARROLLION LOCK 1	.01 .01 .02 .01 .02 .03 .08 .03 .05 .01 .02 .02 .02 .03 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.09 .01 .02 .04 .06 .02 .01 .00	01 01 01 . 01			.02	.01 .03	.15 .04 .14 .21 .22 .18 .07 .18 .19 .23
CENTRAL CITY WATER WES CLINIOF CONSTANTINE CORBIN CAA AP 6 COVINGTON WE AP	.02 .01 .01	.05 .02 .04 .0S .02 .02	01 .01 01 02 01 * .08 .08 .02	.01 .01 S * * * * * * 2 .04 .02 .01	.01 .01 .01 .01 .01 .01 * .01 * * *	.01 .01		
DAVELLA DUNDER BARRETTS FORD BR EDUCNTON FLEMINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 HALEYS WILL	.03 .01 .04 .23 .02 .08 .02 .01 .01 .01 .01 .01 .07 .07 .01 .02 .01 .01 .04 .01 .01	.01 .02	05 .01 .01	.01 .01 .01	. 01 . 01 . 01 . 01 . 01 . 02 . 01 . 02 . 02 . 02 . 02	.01 .01		.47 .14 .11 .22 .20 .04
HAZARD HEIDELBERG LOCK 14 HERNDON BODGENVILLE NAT PARK JENKINS KENTIGEV DAM	.03 .01 .02 .01 .01 .07 .06 .09 .06 .0S .02	.01 .01 .0 * * * .03 .01 .06 .1	01 .01 * 01 * * 19 .04 .01 0S .01		.01 .81 .01 .01 .01 .01 .02	.01		.30 .47 .14 .11 .22 .20 .60 .17 .04 .81 .13 .69 .24 .06 .08 .17 .06 .08 .17 .06 .08 .17
LEXINGTON WE AIRPORT LIBERTY LITTLE BICKMAN LOCK 8 LOCILCR 1 S LONDON 3 CS LOUISVILLE BOWMAN FLD LOUISVILLE WO AP LOUISVILLE WB AP LOUISVILLE WB CITY	.09 .02 .01 .01 .01 .03 .03 .03 .05 .01 .01 .01 .01 .30 .09 .03 .02 .04 .01 .02 .04 .02 .03 .02 .03 .01	.01 .06 .0	01 06 .03 02 .01 .01	.01 .02	.02 .02 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.01		.24 .06 .08 .17 .06 .S8
LUCAS MADISONVILLE 1 SE MAYSVILLE DAM 33 MC KINNEYSBURG MIDDLESBORG R STA MILLESBURG	.01 .03 .02	.01	0101	. 02 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.01 .01 .02 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.03 .01		.20
MORRHEAD STATE COLLEGE MUNPORDVILLE OLIVE HILL 1 NW OWENSBORD DAW 46 PADUCAH CAA AP PADUCAH SCS NURSERY PIKEVILLE	.01 .03 .01 .01 .01 .02 .03 .12 * *	.01 .03 .01 .0	.01 .01 .11 .01	3 ,03 ,01 ,01	.03 .01 .01 .01 .03 .03 .01 .03 .03 .01 .03 .01	.01 .01		.13 .15 .13 .11 .12 .12
RUMEST LOCK 2 SADIEVILLE WATER WORKS ST MARY SALVERSVILLE SMITHFIELD 4 S SOMERSET HUNAY DEPT STEARNS TATHAM SPRINGS	.09 .01 .01 .03 .03 .02 .03 .02	* * * .03 .04 .01 .0	01 * * .01 .03	* * * *	.01 .02 .02 .02 .03	* .47	. 01	.10 .89 .20 .10 .77 .19 .23 .10 .13 .07 .08 .19 .07
TATHAM SPRINGS TOMPKINSVILLE UNIONTOWN DAM 49 WOLF CREEK DAM WOODBURY LOCK 4	.02 .01 .01 .02 .06 .04 .04 .03 .01 .07 .03 .02	.02 .0 .04 .01 .01 .02 .0	01 .01 .01	.01 —5:	.01 .01 .01 th—	. 01		.07 .08 .19 .07
HARBOURYILLE BEREA COLLEGE CORBIN CAA AP 6 RAZARD // HEIDELBERG LOCK 14 LONDON 3 SW LOUISA LOCK 3	.02 .02 .01 .01 .01 * .01 .01 .01 .02 .03	.01 .01 .01 .01 .02 .0		.01				. 07 . 03 . 02 . 03 . 07 . 04
MC KINNEYSBURG //							1	
ADDISON DAM 45 BENTON 1 SW CARROLLION LOCK 1 CENTRAL CITY WATER WKS CLINTON CONSTANTINE COVINCTON WB AP				-7	.05 .03		.07 .02 .01 .02 .01 .01 .08 .02 .	.07 .10 .03 .01 .22
COUNTRY # BARRATT FORD BR DEDEE BRREATT FORD BR DEDEE BRREATT SO HALEYS WILL KENTUCKY DAW MADISONVILLE 1 SE OVERSBOOD DAW 46 PADUCAHI CAA AP PADUCAHI CAA AP RAUGH CAC AP PADUCAHI CAC AP PADUCAHI CAC AP PADUCAHI CAC AP PADUCAHI CAC AP OVERSBOOD DAW 46  OVERSBOOD DAW 49  VOODBURK LOCK 4			<b>V</b>		.02 .06 .01 .08 .00 .01 .08 .00 .00 .00 .00	.02 . .03 * .01 * * * * * * * .02 .		07 10 03 01 22 02 03 02 55 60 23 32 18 12 32 39 22 05
ADDISON DAW 45 ADDLIPRUS 1 W // HARBOURVILLE BENTON 1 SW BEREA COLLEGE BOWLING GREEN WB AP CARROLLING LOCK 1 //	.12 .03 .01	.01 .08 .10	.01 .01 .03 .01 * *	-8: .01 .01 .0101			.04	19 43 03 22 29
CARROLLTON LOCK 1 CENTRAL CITY WATER WKS CLINTON CONSTANTINE	.13 .31 .15 .07 .04 .03 .20 .10 .05 .09 .08 .12	.02 .04 .02 .01 .04	}		.01	.04 .04 .02 .01 .14	.01	92 20 40 54

able 4-Continued						_																				
2						A. M	Hour	endi	ag									P. M	Hour	endin	q					O. P.
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	6	6	7	8	9	10	11	12	H
DRBIN CAA AP	8														.09								٠	03	17	0
ORBIN CAA AP DVINGTON WB AP IVELLA NUMBER BARRETTS FORD BR MONTON LEMINGSBURG POST OFF DRDS FERRY DAM 50		05	.25	20	.1%	.02	.03	. 07										.01	02	0.1	07	01.		0.3	. 01	9 0 6 5
NDEE BARRETTS FORD BR		.20	. 28	.06		.03		.02	.01									.01	.03	01	. 23	01	0.7	.11		5
EMINGSBURG POST OFF RDS FERRY DAM 50		. 02	15	.04 .01	.07	. 01	. 02											02	.01	. 01		OI,	() (	.11	03	4
ANKI IN WATER WORKS ST LOCK 3 LEYS WILL		. 06	.15	.01	.10	. 04	. 01		. 04									. 02		.01	.03	.18			. 01	4
		. 01				.05	.02												. 02	.01		.03	. 02	.05	.01	1
RNDON DEGENVILLE NAT PARK		.01	. 01	.06	.10	. 01	.01	.14										. 02	.05	.07	.04	.04				. 4
NKINS NTUCKY DAM			, 04	.05													. 03	.01				. 17	.05	. 01 55	.10	8
	37			. 03	.05	.14	.01			, 05								.01	. 01	.06	.05	.04	.01	0.4	. 01	.2
TTLE HICKMAN LOCK R GLICK 1 S			. 01	.03	.01	.01	. 01	.03	.01												,04	.07	.16	.04	.01	5
BERTY TTLE HICKMAN LOCK R GLICK 1 S NDON 3 SW UISA LOCK 3					.01		.02		.07	.03	.01	.01								00			.03			.1
DUISVILLE BOWMAN FLD DUISVILLE WB AP DUISVILLE WB CITY		.02	.13 .10 .12	.02	.01	.01	.02												.01	.02	.17	.04	,01			. 3
DUISVILLE WB CITY CAS DISONVILLE 1 SE					. 02	.07	. 01	.03			.01								.16	. 28	.06	. 03	.01			. 5
DISONVILLE 1 SE YSVILLE DAM 33		. 09	. 06	.01	.02	.06	.01		.02	.01														. 03	.03 03	2
YSVILLE DAM 33 KINNEYSBURG ILLERSBURG				.01	.10	.05	.01	.01 .01 .05	. 01														.12	.06	03	4 .77 .44 .00 .11 .22 .44 .44 .33 .33 .35 .55 .34 .44 .22 .23 .34 .44 .25 .35 .35 .35 .35 .35 .35 .35 .35 .35 .3
REHEAD STATE COLLEGE ENFORDVILLE IVE HILL 1 NW		. 02	.01		.01	.09		. 03	.01		. 01	. 01						.01	.01	.09	. 03	,05		. 10	.01	. 2
TENSBORO DAM 46		. 08	.02				.04	.13	. 01															.03	.03	.1
MENSBORO DAM 46 ADUCAH CAA AP ADUCAH SCS NURSERY	6	. 28		•		•	1	.03										01	0.5					.01	. 20	- 2
IKEVILLE		.06	. 19	.04	. 02		04	00										. 01	.01			0.0	.10	04		.2
DIEVILLE WATER WORKS MARY HITHFIELD 4 S			.05	.17 .07	.02 .0R		. 01	.02	.03											.03	. 02	.06	.01	.01		.4
MERSET HIWAY DEPT		.04	. 19	. 07		.01				.05	.01					. 01					.06	.24	.01			.2
MERSET HIWAY DEPT TEARNS THAM SPRINGS			. 01	.07	. 21	.02	.10	. 01	.01	. 01	.01									.20	.01	.10				
MPKINSVILLE IONTOWN DAM 49			.01	.01		. 05	.15	.10	.01	.01										.20	. 04		.12	.03	. 45	.1
DEF CREEK DAM ODBURY LOCK 4						.01	.10	.16	.01									. 01		.05	. 24	.01				. 1
													-9	th-												
DISON DAM 45		.13	.21	.10	. 11	.12	.06	. 03																		- 3
DISON DAM 45 DOLPHUS 1 N REBOURVILLE							. 01	.06	. 14	.21	.02	.02	.04	.13	.03	. 07	.17	. 07	.01	.02	.01					
XTER HARLAN WATER WES INTON 1 SW REA COLLEGE		. 27	.14	.12	.16	.06	.01				1				.01	.04	.01	. 03				.01				
REA COLLEGE WLING GREEN WB AP								.03	. 03	.08	.07	. 01		. 04	.01	-	-	-	-	-	-	-		-	-	
WLING GREEN WB AP RROLLTON LOCK 1 ENTRAL CITY WATER WKS		. 05	.06	.11	.04	.03	.12	.09	.02	.03				-												
INTON		.17	.13	.29	.03	. 14	. 09	. 05		.01	.01															8
RBIN CAA AP VINGTON WB AP	6	.03	.02	.05	. 07	.08	.01	. 05	.06	.01	.01	•	•		. 17	•		•	*		.16					. 3
NBBIN CAA AP DVINGTON *B AP WELLA NDEE HARRETTS FORD BR DMONTON		. 02	.30	, 22	.05	.10	.07	. 04	. 03	.01			. 08	.01	, 01	, 06	.04	.07	. 05	. 03						.3
		.01	.01	.01		. 08	.18	.07	.15	. 08	.05	.01	. 05	.01												1 3
ORDS FERRY DAM 50 MANKLIN WATER WORKS		.17	.06	.03		.03	.14	. 08	.03	.11	. 03	.01	. 01				1									1 3
SST LOCK 3		.01	.03	.13	.01	.05	.09	.09	. 04	. 03	.01															
AZARD EIDELBERG LOCK 14 ERNDON	1/.				.01		.01		.01	.11	.18	. 01	.03	.07	.03	.03	.05	. 05	.02							
				.11	.19	.11	.16	.10	. 12	. 02		.01					1			١						
ENKINS ENTUCKY DAM		.01	.01	.05	. 04			.02			. 01					.07	.01	. 08	.02	.02	, 03	. 05				
EXINGTON WB AIRPORT IBERTY ITTLE HICKMAN LOCK 8				, 02		, 09	.09	.22 .20 .13	.02	.07	.05 .02 .11 .04		.01	. 03												1 1
OGLICK 1 S				. 01	,01	.08	. 13	.03	.05	0.2	.04	.01	. 01	0.1	.01											
OGLICK 1 S ONDON 3 SW OUISA LOCK 3			.01					.07		.01	.05	.04	.07	.05	.03	.03	.01	.01	.01							
OUISVILLE BOWMAN FLD OUISVILLE WB AP OUISVILLE WB CITY			.25	.06	.20	.10	.11	.07	.02 .05 .03	.01		.01	.01													
OUISVILLE WB CITY UCAS ADISONVILLE 1 SE			.02	.11			.13 .13	.08	.03	.01	.03															1 .
ADISONVILLE 1 SE AYSVILLE DAM 33		.16 .01	. 28	0.1	. 01	.08 .01 .04	.06	. 08	16	.06	.06	.12	.01			*										
YSVILLE DAM 33 E KINNEYSBURG IDDLESBORO RR STA		.02		.01				. 03		, 09		. 03			. 01	. 01	. 04	.03	.01	. 02						
ILLERSBURG			. 01	. 01		.15	.04	.11	.21	. 02	.05	.05														
UNFORDVILLE LIVE HILL 1 NW WENSBORD DAM 46 ADUCAH CAA AP ADUCAH SCS NURSERY		.01			.13	.05	.14	.10	.07	. 03	.01	. 04														
WENSBORO DAM 46 ADUCAH CAA AP	6	.01 .34 .53 .34	.08	.08	0	. 24	.02	. 60	.02																	
			.14	. 21		.02									. 01	09	. 02	.01	. 04	. 03	. 02				.01	
UMSEY LOCK 2 ADIEVILLE WATER WORKS		. 18	.18	.11	. 07	.17 .05	.04	. 05	.01	.01	.02	.01														
T MARY ALYERSVILLE				.07			. 27	.11	. 09	. 18	.03	.12	.04	. 01	. 09	. 01	.01									
MITHFIELD 4 S OMERSET HIWAY DEPT		. 01	. 05	.22	.03	.15	.12	. 09	.04	.05					. 03											
TEARNS ATHAM SPRINGS OMPKINSVILLE			.01	. 05	. 24	. 02	.20	.12	.02	.02	.10			. 06	.18	.07	06									
			.01		.01	.01		.06	. 55			. 10							. 01							
OLF CREEK DAM OODBURY LOCK 4				.07	.07	.20	.08	.11	.05	.15	.11	.10	.03	. 01												
													-1	Oth-	-											
EKKINS			. 01							.01	.01			LAI												
											U															

0.0					A	М. Но	ur end	ling									P.	М. Но	ur en	ding					-
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
BENTON 1 SW CLINTON KENTUCKY DAM PADUCAH CAA AP 6 PADUCAH SCS NURSERY												-14	th-	.01						•	. 01	.02	.01 .01 .08	.02 .02 .02 .03	.05 .08 .10
ADDISON DAM 45 BENTON 1 SW CARROLLTON LOCK 1 CENTRAL CITY WATER WKS CONSTANTINE COVINCTON WB AP DUNDEE BARRETTS FORD BR	. 0		.02		.01	. 01	.01		.04	.01	.01	.11	.02	.01 .01							.01	. 13		.01	.03 .17 .18 .02 .16 .02 .15 .03
EDMONTON FORDS FERRY DAM 50 HALEYS MILL HERNDON KENTUCKY DAM LEXINGTON WB AIRPORT LIBERTY			٠	.02	* .01	•	.03	*	* .01		.01	.01	.01 * .05	:				:		.01	•	.02	* .34	.01	.06
LOUISVILLE WE AP LUCAS MADISONVILLE 1 SE MUNTORDVILLE ONENSHORD DAM 46 PADUCAH CAS AND 46 PADUCAH CAS AND FOR THE WORKS ST MARY SMITHFIELD 4 S	.10		.01	•	•		.03	.01	. 08	.01	. 12 * . 01 . 01	.03	.02	.01	•	.01		.01	. 01	.02		.01	.04	.01 .02 * .17	.89 .02 .01 .01 .01 .15 .06 .11 .41 .08 .01
TATHAM SPRINGS TOMPKINSVILLE UNIONTOWN DAM 49 WOODBURY LOCK 4					.01	. 01		. 01	.01	. 05		:08 -16		.02						. 02		.01		.01 .01 .02 .01	.41 .08 .01 .02 .02 .02 .01 .36
ADDISON DAM 45 ADDLPHUS 1 N BARBOURVILLE BAXTER HARLAN WATER WKS HENTON 1 SW HEREA COLLEGE CARROLLITON LOCK 1	. 35	.49		.12	.01	.01	.04	.35	.18	.01	.02	. 02		.01	.01	.01									.38 .18 .62 .14 1.05
CARROLLTON LOCK 1 CENTRAL CITY WATER WAS CLINTON CONSTANTINE CORBIN CAA AP COVINGTON WB AP DAVELLA DUNGEE BARRETTS FORD BR	.73	. 07	*	.03	.01 .01 .01 .06	* .02	.02	.01 .01 .30 .01	.01	.02	.01	. 01		.21	. 01	.02		. 01							1.02 .25 .37 .99 .55
EDMONTON FLEMINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 HALEYS MILL	.01	.08	.01	.17 .28 .09 * .28 .06 .09	.05 .15 .03 .75 .11 .07	.01	.01	. 01	. 01	.01	.01							.01							.13 .72 .59 .19 .75 .46 .17 .40 .19 .81 .62 .53 .08 .35 .16
HAZARD /// HEIDELBERG LOCK 14 RERNDON HODGENVILLE NAT PARK JENKINS KENTUCKY DAM LEXINGTON WB AIRPORT	.01	٠		.16	.25	.14 .62 .05	.05	.14	.03	.01	.01					.01	.08								. 40 . 19 . 81 . 62 . 53 . 08 . 35
LIRERTY // LITTLE HICKMAN LOCK 8 // LOGLICK 1 S LONDON 3 SW LOUISA LOCK 3 LOUISY LILE BOWMAN FLD LOUISYILLE WB AP LOUISYILLE WB CITY	. 20	.06	.10 .01 .13	.06	.16 .12 .15 .12	.05 .12 .29 .16 .04	.01 .01 .01 .36 .20	.01	.01	-	-	. 01	-	-	-	-	-	-	-	-	-	-	**	-	
MADISONVILLE 1 SE MAYSVILLE DAM 33 // MC KINNEYSBURG MIDDLESBORO RR STA	.01	. 58	.05	.09	.06 .06 .05	.07 .01 .04	.02	.01	.15		.01	.01													.62 .67 .64 .25 .21 .20 .17 .90 .08 .14 .20 .06 1.02 .13 .95
MILLERSBURG MOREHEAD STATE COLLEGE MURPGRDVILLE OLIVE HILL I NR OWENSBORD DAM 46 PADUCAH CAA AP PADUCAH SCS NURSERY PIKKYILLE RUMSEY LOCK 2	.14	. 34	.02	.02 .48 .04 .07 .02	.01 .22 .03 .53	.19 .05 .09	.10 .01 .18	.01	.01	.01	. 01	. 01			.01										
ST MARY SALYERSVILLE SMITHFIELD 4 S SOMERSET HIMAY DEPT	. 02	.01	.21 .01	.11 .01 .16	.02 .04 .07	.04 .01 .01	.01	.02	.02	.01	.01	.01		.02	.01									1	.39 .04 .72 .15 .27 .40 .18 .85 .48 .35 .37 .20
STEARNS TATHAM SPRINGS TOMPKINSVILLE UNIONTOWN DAM 49 WOLF CREEK DAW WOODBURY LOCK 4	.01	.01 .15 .06	06	.22 .02 .02 .13 .23	.11 .15 .03 .14	.59 .20 .05	.09	.02 .01 .03	.01 .01 .01			-18	.02 th <b>—</b>												. 85 . 48 . 35 . 37 . 20 . 56 . 46
BENTON 1 SW CLINTON KENTUCKY DAM LOUISYILLE WB CITY PADUCAR CAA AP PADUCAR SCS NURSERY 6							.02											-	-	-				.01	.01 11 .02
ADDISON DAM 45 // ADDLPHUS 1 N // BARBOURVILLE BAXTER HARLAN WATER WKS		.05	.14	.07	.04	. 07	.01	.03 .01	.07 .02 .05	. 02	.20	-19	.02 .09 .07	.01 .01 .09	.16	. 05	. 01					, 05		.12	.60 .57 .50 .39

See reference notes following Station Index.

KENTUCKY

Station						A F	M Hot	ır endi	ng									P 1	M Hou	u endi	ng				
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
EA COLLINGE ROLLTON LOCK 1 FRAL CITY WATER WKS WYON STANTINE SIN CAA AP INGTON WB AP	6	.01	.07	.01 03 .01 .19	.02 .07 .02 .10	.02 .05 .01 .07 .05	.12	.02	.18 .02 .01	.01	.07 .02 .03 .03 .02	.10 .05 .04	.04	.07 .05 .14	.12 .03 .13 .12 .30	.13	.03	.02	.15	.02	.05 .03 .02	.01	.09	.06 .01 .01	11 .01 .03 .01
SLLA DEE HARRETTS FORD BR		. 01	.13	. 15	.12 .05	.02	.08	.01	.04	.03	.05	.01	.01	.01 .12 .13 .05	.01 .11 .01	, 04	, 01	.02	.10	.05		. 03		.02	
INGSBURG POST OFF D5 FERRY DAM 50 KKLIN WATER WORKS T LOCK 3 EYS MILL		. 09	. 12	.03	.01	.06	.01	.05	.02	.10 .13	.12	.13	.16	.01	.01	. 03	. 01	. 20	.01	. 04	. 02	.01	.02	.16	. 03
RD SELBERG LOCK 14		. 07	•	. 01	*	.02	.03	.01	.04	. 22	. 01	.04	.07	.02 .02 .01	.01	.13	.04	.01	. 01	.01	.02			.01	.01
ENVILLE NAT PARK INS UCKY OAM		.01	.08	.02	.19	. 13	. 04	.01	.02	.09 .01 .03	.03	.04 .01	.07 .01	. 05	.21	.12	.01	.05	.01	.01	. 01	.01	.01	.33	. 10
NGTON WS AIRPORT RTY LE HICKMAN LOCK S ICK I S		-	-	.01	.01	.03	.12	.06	.04	.01	.10	.06	.07	.19	.22	.02 .10 .20	.19	. 17	.02		.01			,00	,01
ON 3 SW SA LOCK 3 SVILLE BOWMAN FLD SVILLE WB AP SVILLE WB CITY					. 09	.01	.03	. 13	.01	.04 .15	.02 .03 .22 .15	.07 .02 .13 .03	.09	.09	.03	.08	.05	.12	.04	.10	.05	.01	. 04	.11	.01
		.09	. 08	.10	.11	.02 .05 .07	.13	.04	.10	.11 .23 .10	.15 .26 .10	.03 .08 .19	.01	.01	.01	.06	.07	.03			. 05	. 05	.04	.11 .15 .02	.06
SONVILLE 1 SE VILLE 0AM 33 INNEYSBURG LESBORO RR STA ERSBURG	//		,00		, 04	.01		.02	.04 .13 .01	.07	.10	.13 .12 .02	.08	.06	. 20	.05	.02	.05	.08	.08	.03		.03	.01	.04
CHEAD STATE COLLEGE CORDVILLE				.10	. 15	. 18	.03	.12	.18	.12 .04 .18	.10 .07 .09	.09 .02 .12 .03	.01 .02 .09	.01	. 11	. 01	.11	.15	.06 .14 .01 .17	.01 .01 .12	. 01	. 01			.01
5BORO OAM 46 CAB CAA AP CAB SC5 NUR5ERY	6	.03	.19	.16	.07	.04	.01	. 05		. 03	. 01	.01	. 02	. 02		. 01	.01		. 01	.09	.08	.01	.10	.08	.16
VILLE EY LOCK 2 EVILLE WATER WORKS ARY ERSVILLE		.02	.16	. 13	.05	.15	.02	.14	.16	.01	.01	.01	.10	.02	.04	.01	.01	.07	.04		. 05		. 01	.02	. 07
ERSVILLE HFIELD 4 S RSET BIWAY DEPT RNS				. 01	.01	.07	.17	.01	. 04	.03 .29 .02	.01 .17 .12	.08 .16 .13	.07	.01	.01	.03	.01	. 08 . 05	.19	. 01			. 07	.05	. 05
AM SPRINGS		, 09	. 13	.01	. 05 . 05 . 03	.15 .04 .01	.01	.03 .03 .03	.01	.04	.05	.13	.11	.01	.03	.01	.11	.08	0.	. 06					
NTOWN OAM 49 CREEK OAM BURY LOCK 4		. 01	.11	. 08	.03	.08	. 03	. 02		. 04	.12	.10	.19	.07	.02		.01		. 01	.06	. 03	.03	.13	.32	.20
SON OAM 45 PHUS 1 N		.10	.19	. 52	.12	. 03	.14	.08				-	-20	th-											
OURVILLE ER HARLAN WATER WKS A COLLEGE OLLTON LOCK 1		.01	.05	.01	. 55	. 05	.45	.25 .01 .31	.35 .39 .10	.20 .28 .12	.17 .13 .03	.05 .18	.03		.01	.01 .01 .01	.04	.01		.01	. 01				
RAL CITY WATER WKS TON TANTINE		.03	.10	.21	.17	.08		.01																	
IN CAA AP NGTON WB AP LLA	6	.17	. 18	.15	.16	.19	.07	•	.52	. 04	. 02 . 10	.01 .03	.05	. 05	.56	.01	.01 .03	, 04	. 05	. 01	, 04				
NTON INGSSIRG POST OFF		.06	.16	.62 .01 .01	.13 .10 .02	.02 .76 .15	.13	.04	. 07		-	-	-	.02	, 03	.02	. 01	.02	-		-	-	-	-	-
S FERRY OAM 50 KLIN WATER WORKS LOCK 3 YS MILL		.02	.07	.16	.01 I .43 .29	.17	.16	. 06							_	_	_	_		_	_	_		_	
RD ELBERG LOCK 14 DON ENVILLE NAT PARK		.01	.02	.05	.01 .39 .56	.01	.09	.13	.17	.07 .06 .04	. 03 . 06 . 06	.10	. 07	. 03	.01	.04	.01	.01	.01	. 01					
INS UCKY DAM NGTON WE AIRPORT		.48	. 57	.03	. 03	.62	. 13	. 02		.31	.12	.10	. 07	. 19	.07	.02		.01	.02	. 02	.02	.01	. 04	.01	
RTY LE BICKMAN LOCK 8 ICK 1 S DN 3 SW		.02	.02		.02	.22 .37 .04	.24 .19 .23 .41	.12 .03 .16	.06 .10 .19 .26	.02	. 01	.01			.03	. 01	. 01								
SA LOCK 3 SVILLE BOWMAN FLO SVILLE WB AP		.16	.15	.38 .33 .45	.17	.01 .04 .01	.03	. 14	. 23	.08	. 04	.18	. 04	, 01	.10	.01	.03	.02	.01	.01	. 01				
SVILLE WB CITY 5 SONVILLE 1 5E VILLE OAM 33		.14	.14 .72 .01	.45 .01 .23 .02	.24 .02 .12	.01	.01	.04	.03							0.1	0.0	0-							
INNEYSBURG LESBORO RR STA ERSBURG		.01	.01	.02	.09	. 22	.55	.34 .08 .05 .04	. 23		. 17	.21	.07	.01	. 01	.01	.04	.01	. 01	. 01					
HEAD STATE COLLEGE DROVILLE HILL 1 NW SBORO DAW 46		.01	.01	.03	.46	.01	.44	.22 .01 .20		.15	.01	. 01	.02	.01	.04	.03	.02	. 01 . 01	. 01						
CAH CAA AP CAH SC5 NURSERY	6		.49 1.06	.07	.05	.01	.01	1.24	.03	.07	. 07	.01	. 02	.01	. 03	.02		. 02	. 03	. 02	.01	. 01			
EY LOCK 2 EVILLE WATER WORKS ARY ERSVILLE		.19	.31 .03 .01	. 46 . 09 . 04	.11 .22 .24	.25	. 08	. 02		.01			.01							, 02	.01	. 01			
HFIELO 4 5		.10	.18	.27	. 57	.16 .04 .01	.01 .76 .38	.23	.11	.09	.02 .01 .01	.09	.03	. 05	.02	. 01	.05	. 01	.01						
RNS AM SPRINGS KINSVILLE				.17	.26 .05 .02	.17	.12	.03	. 13	.11	. 07														

See reference notes following Station Inde

Station		_		- 1		A. D	a. nou	ır endi	ng							-		F. A	4. HOL	ır endi	шу					
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	•
OODBURY LOCK 4			.07	.35	.36	. 11																				
													-21			ļ										
AVELLA IA ZARD	11									.02		. 01	. 03	. 01	_		_	_	_	-		-	-	_	-	
													-22	2d-												
ADOLPHUS 1 N										. 01		. 02	. 01													
LDOLPHUS 1 N AARBOURVILLE BEREA COLLEGE CARROLLTON LOCK 1 CONSTANTINE CONSTANTINE COVINGTON WB AP FLEMINGSBURG POST OFF																.02	.01	.01								
CARROLLTON LOCK 1														.01		.05	,01		.02		.01				ç	
CORBIN CAA AP	6															* )	*	*			.04				. 03	
FLEMINGSBURG POST OFF												. 03	.02						. 02	.01						
FRANKLIN WATER WORKS GEST LOCK 3 HEIDFLBERG LOCK 14												.00					.02	. 05	.01	.01						
HODGENVILLE NAT PARK JENKINS KENTUCKY DAM																	.03	.01	.01	.01						
CENTUCKY DAM LEXINGTON WB AIRPORT						.01	.01	. 04									.06	. 10								
															.01		. 05	. 05	0.4							
JIBERTY LITTLE BICKMAN LOCK 8 JOGLICK 1 S JOULISVILLE BOWMAN FLD JOULSVILLE WB AP JOULSVILLE WB CITY ATSVILLE DAW 33 IC KINNEYSBURG LOUNDLEFORD BR STA																.05	.01	.07	.01 .03 .01							
OUISVILLE WE AP																.08	.07	. 01	.01							
LOUISVILLE WE CITY MAYSVILLE DAM 33	//															. 06	. 09	.01					.01			
MC KINFEYSBURG MIDDLESBORO RR STA	//														.01	.05	.01			.01	.01	. 01	.01			
AILLERSBURG MOREPEAD STATE COLLEGE																		, 05	.01		. 01	.01				
MUNFORDVILLE														*	•		*	. *	.02	.02				*	•	
OWENSBORO DAM 46 PADUCAH CAA AP PADUCAH SCS NURSERY	6													.01	. 03	.02										
PADUCAH SCS NURSERY SADIEVILLE WATER WORKS									. 03	.01	.01							.06	.01							
SADJEVILLE WATER WORKS ST MARY SMITHFIELD 4 S																.04	.01	.02	.01							
OMBRSET HIWAY DEPT													. 01	.01	.02								.01			
TATHAM SPRINGS INIONTOWN DAM 49	//														.02	. 01	.08	.10								
OLF CREEK DAM	′′														.02	. 01							.02			
TOODBURY LOCK 4													-23	I. C		.01										
PP 5000 PAUL 15													-23	οα—						١.					. 19	
DDISON DAM 45 DOLPHUS 1 N BARBOURVILLE																	Ť			.01	.01		.02	,03	.06	
BARBOURVILLE BEREA COLLEGE CARROLLTON LOCK 1																		*				*		٠	.01	
CARROLLTON LOCK 1 CENTRAL CITY WATER WKS CLINTON	11															:	.01	.04	.06	.05	:	.03	.20		.07	
CLINTON CONSTANTINE			-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	.20	-	-	
CONSTANTINE CORBIN CAA AP COVINGTON WB AP	6															*	*				, 08	:		:	.06	
DAVELLA EDMONTON		1	1	-	1	-	-	1	-	-	-	_	Ξ.	-	-	-	-	_	=	N=	-	Ξ.	1.	Ξ	Ξ	
FLEMINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS																	. 03	. 07	. 04	. 06		. 02	.04	, 02	.02	
FRANKLIN WATER WORKS GEST LOCK 3 HEIDELBERG LOCK 14										.01									.02	. 03	.04	, 05	. 01	.01	.02	
	//																						1:	*		
BODGENVILLE NAT PARK LEXINGTON WB AIRPORT																					.02	.04	.04	,04	.04	
LIBERTY	1/,								_	_		_			_	_	_	_	_	} <u> </u>		_	_	_	.03	
LOGLICK 1 S		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.04	.02	.01		-	-	-	
LOUISVILLE WB AP																		.01	.04	.02	.03	.02	.04	.03		
LOGICK 1 S LOUISVILLE BOWMAN FLD LOUISVILLE WB AP LOUISVILLE WB CITY LUCAS MADISONVILLE 1 SE																	. 03	. 01	. 02	. 03	.01	,01	*		*	
MAYSVILLE DAM 33 MC KINNEYSBURG	1/1	. 01	. 01													_	_	_	.01	_				_	_	
MIDDLESBORO RR STA MILLERSBURG	- / /									. 01											*	*		*	*	
	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PADUCAH CAN AP											. 01						. 01	.03	.03 .04 .01	.03 .04 .01	.01 .02 .01	.01			.01	
DWENSBURG DAW 46 PADUCAH CAA AP PADUCAH SCS NURSERY RUMSEY LOCK 2 SADIEVILLE WATER WORKS													. 01					.01	. 01	.01	.01	.01		_	.01	
ST MARY SALYERSVILLE	11	10	-	-	-	~	-	1-	-	-	=	-	-	-	-	-	-	-	.01	03	.02	.02	.02	.01	.01	
ST MANY SALYERSVILLE SMITHFIELD 4 S SOMERSET HIWAY DEPT STEARNS FATHAM SPRINGS									.02										.01	.03	.02	.02	.02	.05	.02	
TATHAM SPRINGS				.01	. 01																.01		.01	.01	.03	
TOMPKINSVILLE UNIONTOWN DAM 49																.02	. 04	. 04	. 04	.02						
OLF CREEK DAM OODBURY LOCK 4																			.02		.01	.04	.01	.02	.02	
													-2.4	th-	_											
ADOLPHUS 1 N	11	.07	. 09	. 03																						
ADOLPHUS 1 N BARBOURVILLE BAXTER HARLAN WATER WKS		. 03	.01	.04	.07	.07	, 05	. 03	.09	.02	.02	, 03	.01													
BEREA COLLEGE		1	4	*	*	*	*	*	*	*	*	*	*		. 07											
BRATER HARLAN WATER WAS BEREA COLLEGE BOWLING GREEN WB AP CONSTANTINE CORBIN CAA AP EDMONTON	6	-	- 03	-	-	-	-	-	.15	-	-		-		.10	-	-	-	-	-	-	-		-	-	
EDMONTON	· ·	.02	.03	. 06	-	.01	-		-	-	-	-	-													
PLEWINGSBURG POST OFF FORDS FERRY DAM 50 FRANKLIN WATER WORKS GEST LOCK 3 HEIDELBERG LOCK 14		.02		.01	.01	. 01																				
GEST LOCK 3		.06	, 03				00	0.0	0.1		. 01	.01		.01												
HEIDELBERG LOCK 14 HERNDON						.07	. 28	.01	.01			.01		.01												

Station

## HOURLY PRECIPITATION

A M Hour ending

NOVEMBER 1950

P M Hour ending

		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	8	10	11	12	Į.
RODGERVILLE RAT PANK INSERTING Y  LETTING Y  LETING Y  LETTING Y  LETTING Y  LETTING Y  LETTING Y  LETTING Y  LETING Y  LETTING Y  LETTING Y  LETTING Y  LETTING Y  LETTING Y  L	6	0S 02 .03 .01 .05 .01 .02 .03 .03 .01 .09 .05	.01 .08 .02 .01 .08 .03 .02 .09	.02 .06 - .03 * - .01 .11 .06 .01 .09	.06 .02 * .05 * .08 .05	.01 .02 .01 .02 .02 .04 .04 .07 .06	.05	.10 .10 .10 .03 - .08	.21	.04	.09	.05	.08	.08	.04	.03		:							.01	.0k 94 .10 .14 .21 .14 .21 .30
ARBOUNVILLE  ANTER HARLAN WATER WAS  NOTON 1 SW  NOTON	// <b>6</b>	. 02	. 02	. 03	.02	.01		.01	.01	.01	* .01	.01	-25	5th-	- ,03 *	.01 .01 .01		.01	.02 * .01 .01 .01 .01 * .0101	.01 .03 .01 .01 .01 .01	.01 .02 .11 .01 .03 .01 .01 .01	.01 .02 .04 * .02 .04 .01 .01 * .02	.01 .02 .08 * * .02 .04 .02 .01 .01 .01	.01 .02 .11 * * .04 .02 .03 * .01 .04 - .02 .02 .03	.03 .01 .09 * .14 .04 .04 .04 .04 .04 .04 .04 .04 .04 .0	.06 .09 .3S .28 .18 .20 .09 .11 ** .09 .01 .11 .08 .02 .22 .13 ** .02
COLPBUS 1 N ARBOUNVILLE ARTER BARLAS WATER WKS REAC COLLEGE REAC COLLEGE REAC COLLEGE REAC COLLEGE REAC COLLEGE REAC COLLEGE REAC COLLEGE REAC COLLEGE REAC COLLEGE REAC COLLEGE REAC	// // <sub>6</sub>	.02 .05 .06 * * * .02 .01 .02 .03 .04 .01 .02 .03 .04 .01 .02 .05 .04 .01 .02	.022 .05 .122 .04 .03 .03 .01 .01 .03 .03 .02 .04 .03 .03 .04 .02 .02 .07 .01 .01	.03 .04 .04 * * .02 .01 .01 .01 .02 .07 .04 .03 .06 .03 .* .01	.044 .03 .01 .03 .01 .02 .05 .02 .02 .03 .04 .01 .01 .01 .01 .01 .01 .01 .01	.03 .03 .03 .02 .01 .01 .02 .01 .04 .01 .01 .02 .01 .01 .02	.01 .01 .01 .02 .01 .03 .03 .01 .01 .02 .02 .02 .01 .01 .01 .02 .01 .01 .01 .02	.02 .03 .01 .02 .01 .03 .02 .03 .02 .01 .01 .02 .01 .02 .01 .02	.01 .04 .01 .08 .21 .04 - .03 .08 .02 * .02 .01 .02 .01 .01	.01 .01 .01 .02 .01 .01 .01 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.01 .01 .01 .02 .01 .02 .02 .02 .03 .01 .02 .01 .02 .01 .01	.01  .01 .01 .01 .01 .01 .01	.01 .01 * * .01 .01 .01 .02 .02	.01 .01	.01 .07 .01 .01	.03	.02  * .01 .01 .01 .01 .01 .01	.01 .01 * .01 .01 .02	.01 * .01 .01 .01	.01	.01	.01	.01	,01 .01	.01	.02 .25 .37 .01 .32 .05 .12 .05 .12 .13 .13 .13 .13 .13 .25 .25 .25 .37 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0
RHOURVILLE WATER RARLAN WATER WES REAC COLLEGE 1 RROLLTON LOCE 1 ROLLTON LOCE 1 VINITION WE AP WELLAN LININGSBURG POST OFF SOT LOCK 3 RETURN WEST LOCK 14 REETIVEN WEST LOCK 15 REETIVEN HEATER WORS LOUISESORO ER STA DIEVILLE WATER WORKS MUTHER STATE COLLEGE DOLENSET BITWAY DEPT WATEM STEPRING DIESEST BITWAY DEPT WATEM STEPRING WATEM ST	// 6	, 01  , 01  , 01  , 01  , 01  , 01  , 01  , 01  , 01  , 01  , 01  , 01  , 01  , 01  , 01	.01 .01 .02 * .01 .01 .01 .01 .02 .01 .01 .01	.01 .02 .01 .01 .02 .02 .02 .02 .01 .02 .02 .01 .02 .02	.01 .02 .02 .01 * * .01 .01 .02 .02	.02	.01	.01	.02 .01 .05 .02 .03 .01 .01 01	.03 .01 .01 * * .01	.01 .01 * .01 .01 .02 - .01	:	:	th-	.02 .01	01	-	01				-			.01	.12 .0S .07 .04 .03 .03 .03 .05 .06 .05 .10 .04 .05 .06 .06 .07 .09 .06 .06 .06 .06 .06 .06 .07 .07 .09 .07 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09

See reference notes following Station Is

KENTUCKY NOVEMBER 1950

						A.	М. Но	ur end	ing									P. 1	4. Ho	ır end	ing					78
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Tota
													-28	8th-	-											
CONSTANTINE COVINGTON WB AP HAZARD	//			_								. 01			. 02			.01	. 01							.04
JENKINS LOGLICK 1 S		:	1		-	1	-	•	*	•	:	•	:	-	* .	*	-	-		:	.25	_	-	_	_	.25
MAYSVILLE DAM 33 MILLERSBURG MOREHEAD STATE COLLEGE	//	:	:	:	:	:	:	:	.02	.03	.03	.01	1.25		. 66											1.25 .09
OLIVE HILL 1 NW PIKEVILLE SALYERSVILLE	//	*	•	•						•		•	.40			.01	.01									.40
SALIERSTILLE		_										-		th-												
LONDON 3 SW LOUISA LOCK 3		-	=	=	=	=	Ξ	-	-	=	-	=	Ξ	-	Ξ	-	-	-	-	=	-	Ξ	=	Ξ	=	-

DA.	IIV	TEM	PER	ATTI	RES
-DD	11.1	1 1.141	1 51	$\alpha$	ILL

									D.	ΑI	LY	TI	EM	PE	RA	JTA	JR	ES													HOAK	KEN	TUCKY 1950
able 5	-													=		Day o	f mor	th '			=												0.00
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 3	31	Avecs
NCHORAGE	MAX	85 57	68 49	49	40	51	66 39	71 48	83 54	62 35	35 30	40 18	47	52 26	63 25	64 41	64 43	48 29	56 26	54 39	82 28	38 18	52 23	52 27	27	17	28 15	31 28	35 22	30 19	45 20		49.8
SHLAND DAM 29	MAX	84 53	78 54	55 45	46	50 34	70 39	75 44	67 55	64 44	45	40 31	45 21	50 24	60 25	68 33	65 48	61 39	54 28	55 36	65 36	40 25	48 25	53 34	49 I3	13 7	29 10	32 27	31 28	31 23	46 27		52 2 32.5
ARBOURVILLE	MAX				52 38	51 34	88 29	73 37	66 53	67 42	45	44 28	52 19	59 20	60 20	70 32	64 42	80 37	59 21	54 34	62 38	$\frac{44}{24}$	46 28	81 29	54 11	15	28 9	33 28	3 I 2 5	38 26	50 17		52.0 27 7
ARDSTOWN S J PREP SCH	MAX	83 58	75 51	53 41	42 34	51 28	65 39	72 43	64 52	62 38	39 31	40 18	47 18	52 24	82 24	65 43	65 54	55 36	59 25	55 47	85 30	40 18	47 28	57 33	54 4	16 - 5	28 13	31 28	35 25	33 24	48 22		52.0 30 8
EAVER DAM	MAX	84 59	70 49	51 40	42 35	54 26	68 37	70 44	84 53	62 36	38 30	39 17	48 19	53 22	64 25	66 49	62 45	50 27	59 28	55 45	87 29	4 I 20	47 28	59 24	26 4	17 - 4	29 15	31 28	34 28	38 27	51 28		51 2 30 4
ENHAM	MAX	81 46	82 52	76 55	65 42	45 32	47 32	64 36	71 37	65	65 34	39 28	40 16	50 18	55 18	64 22	67 46	68 37	43 16	56 22	81 52	57 22	42 22	50 29	58 19	2I 3	8	27 8	30 21	27 21	32 17		51.9 26 4
EREA COLLEGE	MAX	80 52	69	49	43 35	49 31	65 30	69 38	63 50	62 36	36 30	39 23	46 19	52 25	61 30	67	65 39	46 30	59 24	58 40	63 25	40 18	47 30	56 31	31 8	14 - 3	25 13	29 24	29 24	29 21	43 28		49 5 29.3
OWLING GREEN WB AP	MAX	82 56	63 50	51 38	40 34	52 29	68 39	70 45	65 55	62 33	40 27	41 22	49 22	54 24	62 27	65 50	64 37	51 30	57 27	64 46	67 26	41 21	46 30	58 15	17	20 - 7	30 20	33 27	34 27	35 27	53 29		51.I 30.3
URGIN DIX DAM	MAX	82 55	82 59	58 45	46 34	57 29	67 39	72 44	63 51	62 34	40 30	41 20	46	54 26	62 26	65 33	65 54	58 36	60 26	57 45	65 27	41 18	46 28	56 33	51 8	15 - 4	27 10	32 25	33 24	3I 2I	45 25		52 8 30.7
AMPBELLSVILLE	MAX	80 54	72 50	52 42	48 34	49 27	64	70 40	61	59 36	38 30	42 19	49 20	56 22	61 28	65 44	68 49	51 33	57 24	55 43	65 28	41 17	44 25	57 29	51 14	21 8	27 10	30 24	37 24	37 24	49 24		51.9 30.3
ARROLLTON	MAX	83 57	78 52	55 41		51 29	65 39	71 46	66 59	60 39	41 32	37 27	44	45 27	61 22	64 39	62 48	54 38	58 24	55 45	60 29	40 21	50 24	49 34	43	16	30 14	34 26	35 25	34 27	45 25		51 2 31.7
ORBIN CAA AP	MAX	81 49	69 54	54 46	46 35	50 33	67 29	70 38	63 53	65	37	42 23	49 18	55 19	62 21	70:	63	46 24	59 21	60 41	64 25	42 20	46 25	60 34	37 8	14	28 14	30 25	29 24	32 20	50 18		51.3 28.8
OVINGTON W B AIRPORT	MAX	79 62	67	47	37	45	61	67 49	58 51	58 31	32 28	33 21	39 21	45 31	58 31	61 45	60	46 31	53 29	55 44	61 22	34 19	43 24	43 14	14	17	28 17	29 25	31 23	28 24	39 26		45.6 30.0
ANVILLE	MAX	83 57	82 61	62 44	47 35	37	51 31	67	72 49	65 52	53 30	35 22	4 I 21	48 25	54 27	63 31	65 49	65 36	52 26	58 30	63 44	57 18	41 21	46 31	57	16 - 3	23 - 3	28 23	34 24	34 22	33 23		51.1 30.3
ARMERS	MAX	82	79 53	56 4.5	46	48	65	70 36	66	63	42 !	39 27	45 18	51 23	62 30	67 38	66	61 38	57 21	57 36	64 33	39 23	48 25	55 35	54	15	27 12	32 26	30 25	30 19	40 22		51.9 30.6
ORDS FERRY DAM 50	MAX	82	72 50	52 39	43	55 29	67 45	68	63 51	65 35	37	36 21	48 23	54 27	64 30	69 49	67	48 29	61 32	65 45	65 32	44	51 38	57 23	24 5	22 - 1	.33	34 26	33 24	39 27	51 33		52.3 32.4
RANKFORT LOCK 4	MAX	84 52	81 54	62 46	49	38	51 31	65 43	70 50	65 54	59 32	35 22	40 19	48 19	53 24	62 24	67	67 37	53 24	59 24	65 46	59 20	40 20	49 26	54 10	25 2	25 2	30 24	33 25	35 25	32 22		51.8 29.8
RAYSON	MAX	84 49	65 52	54 44	45 36	50 34	66 30	73 39	62 42	62 41	42	39 30	45 19	52 23	60	68 31	64	59 35	55 21	54 34	65 33	39 22	49 23	54 32	46 10	13 5	29 11	35 22	32 26	30 14	44 26		51.2 29.5
REENSBURG	MAX	84 51	82 51	65 47	49 36	39 29	50	66 38	72 42	64 51	51 32	37 20	40	47	54 22	62 25	67 45	66 36	50 25	58 27	66 46	58 20	43 21	44	59 10	21 - 3	32 - 3	30 23	34 27	35 27	33 24		51.9 29.0
REENVILLE 2 W	MAX	82 59	75 51	51 41	41	54 25	69 42	68 53	65 54	64 36	38 29	40 17	47 18	53 21	63 25	70 48	65 50	50 27	60 27	59 46	58 30	42 19	50 32	59 27	33 10	17	29 14	32 27	35 26	39	53 31		52.0 31.7
EIDELBERG LOCK 14	MAX	81 46	70 49	58 45	46 37	50 35	66 30	70 38	65 45	63 41	42 33	41 29	43 21	52 23	62 22	67 33	65 42	50 40	59 22	52 35	63 34	39 22	47 25	57 31	50 12	15	26 11	33 26	31 26	30 27	46 20		51.3 30.2
ENDERSON 4 SW	MAX	82 61	72 49	52 39	42 36	54 27	67 43	66 49	61 51	63 33	36 26	39 18	48 20	52 25	63 36	66 49	65 45	50 30	59 30	57 46	64 27	40 20	47 30	52 24	28	21 - 5	30 15	33 27	35 24	38 27	50 31		51.1 31.1
ICKMAN	MAX	64	53	44	39	32	50	53	55	38	29	23	26	31	36	50	56	30	37	47	39	22	26	26	10	5	20	22	25	20	22		34.3
INDMAN SETTLEMENT SCB	MAX	80 45	79 46	70 52	53 44	45 38	45 27	64 28	70 37	63 43	63 33	37 30	38 19	45 20	50 20	60 20	65 37	62 40	42 18	58 20	63 45	60	37 24	46 27	55 15	16 - 2	21 4	28 21	32 24	30 25	30 20		50.2 28.1
OPKINSVILLE 2 E	MAX	85 54	70 53	45	35	56 25	71 37	71 43	63 50	50 35	39	42 18	50 20	58 21	67 30	73 40	65 50	51 28	62 29	67 47	45 37	45 28	43 29	40 26	30 6	20	30 8	34 18	30 20	34 25	42 28		51.2 30.3
RVINGTON	MAX	82	69 51	51 40	40	51 27	66 41	67 47	62 54	62 36	37 31	40 20	48 19	51 25	62 25	63 50	62 43	53 34	59 28	56 45	63 28	38 19	50 30	54 25	25 2	18	29 15	31 26	37 25	33 25	49 25		50.3 30.8
BITCHFIELD	MAX	81 55	74 50	52 41	42 33	51 26	65	68 43	63 52	63 36	37 30	38 18	42 19	50 24	60 27	64 45	63 50	50 32	57	55 44	64 28	40 18	44 28	56 28	40 0	16 - 5	28	30 26	34 25	35 24	48 26		50.3 30.0
EXINGTON WB AIRPORT	MAX	80 59	64	48	39	48	63 38	69 46	62 51	57 32	33 29	38 21	46	50 28	60	66	62 39	48 30	57 25	59 44	61 22	37 18	47 27	54 17	17	16 - 3	27 16	28 24	30 22	28 22	39 25		47.8 29.2
OUISVILLE STAN W B AP	MAX	83 65	70 49	49	40 35	51 30	65 44	70 50	63 55	63 33	35 29	36 25	47 21	50 29	62 27	63 49	62 41	49 31	57 28	62 46	63 24	38 22	49	53 14	14	20 - 1	30 20	30 26	34 26	32 26	45 32		49.5 31.5
OUISVILLE WB CITY	MAX	83	70	48	39	50	64	69 54	64	64	34	35 27	46 27	49	62 33	65 54	63 42	50 37	58 33	62 48	64 26	38 23	49	54 15	15 5	20 1	30 20	30 27	35 27	33 29	45 33		49.6 33.7
OVELACEVILLE	MAX	82 60	74 51	55	43	56	69 41	68	63 51	61 36	36 26	42	50 20	55 20	65 25	64 48	69 48	57 27	57 28	64 46	63 37	44 20	57 39	55 27	27 3	23	35 16	37 19	37 18	43 17	56 29		53.6 30.6
ADISONVILLE 1 SE	MAX	82	76	50	41 35	54	67	66	68 54	63	38	40 18	48	54 20	63	70 49	68 48	50 28	61 28	62 45	66 30	43	50 30	58 27	31 5	28	30 15	33 27	33 25	38 27	50 31		52.8 31.1
AMMOTB CAVE PARK	MAX	81 52	75 49	53	44	51	66	71	65 51	64	37 28	39	47	53	61 23	66 45	66 52	55 32	57 21	61	67 16	47	44 26	59 25	48	15 - 8	26 10	30 24	35 23	34 24	51 25		52.3 27.9
ANCHESTER	MAX	84	69	60	48	51 33	68	72	68 50	68 43	44 34	45	54	54	64 28	70	65	61	59	55 38	64	42 22		60 26	55 12	17	27 10		32 25	32 25	49		54.8 31.8
AYFIELD 2 S	MAX	81	74 51	55	45	54	68	70	62	64 35	44 27	40	49 21	55	65	66 47	66 52	53 28	56	65	69	46	58 39	60 29	31	22	35 14	38 21	37 19	42 19	56 29		54.2 31.5
AYSVILLE DAM 33	MAX	84 52	82	66 47	49	42 35	48	65 42	71 50	65 52	56 32	36 28	38	44 20	47	61	66	65	47	57 25	62 45	59 23	36 23	48	52 12	17	25	30 16	32 27	30 15	30 21		50.3 30.3
IIDDLESBORO	MAX	81	75 48	65	56	51 35	62	69	61	66	47	44 28	51 20	57	62	68	63 45	58 39	55 21	52 39	60	42 23	43 26	59 27	54	14	28	33	31 25	39	48		53.1 30.8
		40	40	34		40	0.1		00	-	00	20	20	-					-	1			1										

OUNT STERLING

URRAY

MAX 74 72 54 45 46 63 68 65 61 40 38 44 49 60 67 63 57 58 55 64 38 48 53 50 12 27 32 30 29 42 NIN 57 54 43 35 33 37 46 50 38 31 24 22 27 29 41 52 36 27 45 31 19 29 35 9 2 10 25 24 21 24

MAX 83 70 56 46 55 70 68 63 66 41 42 50 56 66 72 66 54 60 66 70 49 59 63 36 24 35 38 40 43 58 MIN 56 52 41 37 25 43 50 55 36 30 19 19 20 25 47 53 29 28 46 36 21 37 28 6 -1 16 23 20 22 28

50.1 31.9

55.5 31.6

Table	5-	Conta	nued

## DAILY TEMPERATURES

KENTUCKY NOVEMBER 1950

Station																Day	of mo	nth															age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Averag
OWENSBORO	MAX	84 59	72 51	52 41	41 36	49 26	69 46	70 48	63 55	61 36	36 30		47	55 26	63 29	62 48	61 46	54 28	60 30	56 46	56 30	39 21	46 29	50 26		17	29 15	31 28	32 26	36 27	47 28		50.:
PADUCAB CAA AP	MAX	82 62	66 45	48 38	43 31	55 28	67 43	68 53	66 50	53 32	35 25	40 20	50 23	53 23	63 28	65 49	61 38	50 29	57 31	66 47	64 26	44	58 37	57 15		22 - 3	34 20	35 20	35 18	40 20	52 34		51.5 30.5
PADUCAE	MAX	86 62	84 54	60 45	48 38	44 27	56 28	70 45	68 51	61 37	39 30	31 20	39 19	47	54 22	69 28	66 49	61 34	50 31	59 37	67 47	47 23	44 23	46 29		15	24 1	34 24	35 23	36 23	42 21		51.3
PIKEVILLE	MAX	86 52	71 52	55 50	49 40	52 37	70 30	75 39	66 49	70 44	40 36	45 31	51 25	56 25	64 25	70 34	65 43	44 36	60 25	52 35	65 36	43 27	47 29	62 33	33 15	16 6	28 12	35 28	31 28	33 29	42 24		52. 32.
PRINCETON	MAX	83 51	78 50	50 40	45 36	51 23	70 42	67 43	63 55	60 36	41 30	43 17	52 19	55 18	65 19	70 45	65 45	54 24	63 26	65 46	67 35	45 18	55 36	60 24	35	22 - 8	32 5	34 25	37 25	42 27	58 29		54.: 29.:
RICHMOND E STATE COL	MAX MIN	81 59	79 60	62 44	45 35	38 32	48 35	64 43	69 50	63 54	58 31	34 24	37 22	45 27	50 29	60 36	67 43	64 35	46 25	58 37	63 45	55 19	38 23	47 32	54 10	13 0	22 1	28 22	30 22	32 20	32 22		49.4 31.2
RUSSELLVILLE	MAX	82 55	67 45	49 35	41 27	53 29	68 43	69 55	66 51	52 30	38 29	41 20	47 21	54 26	63 28	68 52	65 48	50 28	58 33	68 47	54 30	44 23	48 27	61 15	19 - 4	27 10	32 27	33 28	35 27	37 32	54 28		51.4 31.5
ST JOHN BETHLEHEM ACAD	MAX MIN	84 57	82 53	65 41	47 33	38 26	50 27	65 41	69 48	61 40	42 30	35 18	38 19	46 23	52 25	61 27	63 48	62 34	47 24	58 29	65 46	57 17	48 17	45 27	55 2	17 - 6	23 - 4	29 22	30 24	35 23	32 25		50.0 27.9
SCOTTSVILLE	MAX	82 53	71 46	52 40	45 31	53 22	68 36	71 43	65 48	63 33	39 27	41 14	49 14	55 17	64 24	66 41	66 52	56 28	57 22	66 41	63 28	44 15	46 26	61 24	18 7	15 - 6	28 4	34 15	35 20	35 26	53 31		52.0 27.4
SBELBYVILLE 2 W	MAX	82 56	74 51	53 40	41 34	50 26	65 37	71 47	63 52	60 37	38 31	41 20	48 18	52 26	62 26	63 42	64 46	52 36	55 25	53 41	55 29	37 17	50 22	52 32	50 2	16 - 4	28 13	23 26	35 19	30 19	46 18		50.3 29.5
SOMERSET 1 N	MAX	79 49	71 55	56 45	47 35	49 30	66 36	71 37	62 51	61 38	43 31	41 21	49 20	54 21	62 23	70 45	65 53	58 36	57 22	54 43	62 32	53 19	44 28	53 27	52 10	12 - 2	26 8	33 25	32 19	30 25	48 22		52.0 36.1
SUMMER SHADE	MAX							70 43	64 52	62 37	38 30	39 19	47 19	55 21	61 28	65 41	65 47	50 30	56 25	62 35	65 29	40 18	44 28	58 26	46 8	- 7	27 11	33 26	33 25	33 26	50 25		49.0 26.8
VANCEBURG	MAX	83 57	80 53	55 46	47 37	49 36	65 33	72 41	71 52	68 40	42 38	41 28	44 28	51 26	62 25	68 33	66 48	65 32	62 28	59 40	62 32	37 23	46 28	53 34	52 10	15 1	29 11	33 28	31 25	31 21	43 28		52.7 32.1
WEST LIBERTY WATER WKS	MAX	78 54	72 51	65 47	48 44	50 38	58 39	65 40	73 41	66 42	63 33	37 30	37 22	41 22	51 24	62 27	69 39	64 42	60 24	69 35	69 47	58 24	47 25	59 22	57 12	17 5	24 6	29 16	32 27	31 28	32 28		52.8 31.1
WILLIAMSBURG	MIN	83 50	75 47	60 47	50 35	49 34	68 32	68 41	63 48	68 41	47 32	40 27	48 20	55 22	61 25	68 36	61 46	51 37	56 23	53 41	64 35	43	44 24	61 30	49 12	25 1	28 13	37 25	34 23	35 25	50 21		53.1 30.4
WILLIAMSTOWN	MAX	81 60	75 51	53 40	43 33	45 29	58 37	69 49	65 50	58 37	37 30	34 22	40 20	45 30	58 29	63 45	61 41	45 35	55 25	54 44	58 31	38 19	45 23	48 30	45 6	_10 _1	27 10	34 26	31 23	30 22	39 23		48.1 30 €
WOLF CREEK DAM	MAX	86 54	84 54	70 48	50 39	40 32	53 38	70 42	74 54	67 58	67 32	38 24	40 22	54 24	61 27	66 42	71 55	70 39	54 26	63 33	67 49	67 22	45 27	46 28	62 14	24	25 4	31 28	34 28	35 29	34 25		54.9 33.2

T.LI. 6

## EVAPORATION AND WIND

Table 6																																	
																	Day o	f mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
BURGIN DIX DAM	EVAP		.06			.01			.11	,19 30		.04			.05		.05	.10 15		.04			.02	11	14	-	-	Ε		=	-		=
WOLF CREEK DAM	EVAP		.14 26	.07			.08 24		. 25 50	* 57	.05 42		* 8	* 5	,20 5	.07		.10 43		.08 36			. 13 28	- 4	48	49	111	71	- 25	70	28		1084

SNILAND DAM 29   SNIMPALL   SN ON GRD	10 12 2 I .0 2.0 9 8	0 .012 6		7	0 31
SN ON GND	10 12 2 I .0 2.0 9 8 T T	12 6	6 6	7 8	
HEAVER DAM SINW FALL T T T T T T T T T T T T T T T T T T	.0 2.0 9 8	. 0			
ENHAM SNOWFALL T T	9 8 T T	0 .			
			5 5		
NWILING GREEN WE AP SNOWFALL T			т		١
ORRIN CAA SNOWFALL T T T 4.6 .6 2	.0 1.1 7 8			3 7	
TOWINGTON WE AIRPORT SNOWFALL T T T T T .2 .9 T 3.1/3	.3 .4		.1 T		
DANVILLE SNOWFALL T 3.5 T	.9 .1		3 3		3
FARMERS SNOWFALL 3.0 T 4	7 1.5		T .	3 1	
PORDS FERRY DAM 5 SNOWFALL T SNOW GND T 4.0 T	4 3	3 2	2 1	1 1	r
FRANKFORT LOCK 4 SNOW FALL	-   -	-   -	-   -		
HEIDELBERG LOCK 14 SNOW FALL SNOW FALL SNOW FALL 3 2 2	5 1.5		4 3	3 :	2
HINDMAN SETTLEMENT SCH SKOWFALL T SKOWFALL SK ON GRO 4 5 5	9 10	0 6		-	
HOPKINSVILLE 2 E SNOW FALL 3.0					
	.5 .2 3 2	. 2	1 T		г
EXINGTON WB AIRPORT SNOWFALL T T 1.5 1.6 1.0 4	7 8		T T 7		5
	3.5 T 4 2	T 2 1	T T		т
MAMMOTH CAVE PARK SNOWFALL T 2.5 2 SN ON GND T 2.5	.0 T	T 3	. 6 I 1		
	0 2.0		.2 9	9	6
MIDDLESBORO SNOWFALL 7.0 2 SN ON GND	. 5	Α.			-
MURRAY SNOWFALL 2.0 SN ON GND 2 -			. / .	.	
PADUCAR CAA SNOWFALL T 1.3 T 1.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 1	1 1	тт	г	
PIKEVILLE SHOWFALL SN ON GND	:   :	- :	: [ :		
	T 6				-
SCOTTSVILLE SNOWFALL S.O GND S.O GND S.O 4 2	1 1	1 1	тт	г	
WILLIAMSTOWN SNOWFALL SN ON GND	=   =	- :	-   -		

## STATION INDEX

Station

MADISONVILLE 1 SE MANMOTH CAVE PARE MANCHESTER MANY 16LD SUBSTATION MAYFIELD 2 S

MAYSVILLE OAM 33 MC BINNEYSBURG WIODLESBORD WIDDLESBORD RR STATION WIDWAY 2 8

WILLERSBURG WILLERSBURG WIL, INST. WILLERSTOWN WONTICELLO WOREWEAD STATE COLLEGE

MOUNT STEELING MUNFORDYILLE MURRAY OLIVE HILL I NW OLNEY

ONEONTA OAM 35 OWENSBORO OWENSBORO OAM 48 PADUCAN PADUCAN CAA AIRPORT

PAOUCAR SCS NURSERY
PAINTSVILLE
PIKEVILLE
PINEVILLE
PLEASUREVILLE 2 8

PRINCETON
RAVENNA LOCE I2
RICHMOND E STATE COL
RUESCY LOCK 2
RUSSELLYILLE

RUSSELLTILLE SUBSTA SADIEVILLE WATER WORKS ST JOHN BETHLENEM ACAD ST MARY SALVISA LOCE 8

SALYERSVILLE SCOTTSVILLE SEBREE WATER WORKS SHELBYVILLE 2 W SHEPZERDSVILLE 2 NW

SMITHFIGLD 4 S SOMESET BIWAY OEPT SOMESEGT I N SPRINGFIELD STEARNS

SUMMER SRAOG SUBSTA TATHAM SPRINGS TAYLORSVILLE TOMPKINSVILLE TOMPEINSVILLE TEL OFF

TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN DAM 49 YALLEY YIEW LOCE 8 YANCEBUNG

VANCEOURG OAM 32
WAYNESSURG 6 E
WEST LIBERTY WATER WES
WILLIAMSBURG
WILLIAMSBURG

MEN STATIONS

SUMMER SHADE W 8STPORT

County

4854 JEFFERSON 4955 JEFFERSON 4956 JEFFERSON 4867 BALLARD 5002 BARREN

5067 BOPKINS 5087 EDWONSON 5110 CLAY 5230 GRAVES 5232 GRAVES

5243 MASON 5301 PENDLETON 5388 BELL 5394 BELL 5407 WOOOFORD

5640 MONTGOMERY 5684 HART 5694 CALLONAY 6012 CARTER 6020 ROPKINS

6033 CAMPBELL 6091 OAYIESS 8091 OAYIESS 8115 MC CRACKEN 6110 MC CRACKEN

8117 MC CRACKEN 6136 JOHNSON 6353 PIKE 6364 BELL 8435 SIGELBY

6575 CALDWELL 6879 ESTILL 6805 MADISON 7038 MC LEAN 7049 LOGAN

7054 LOGAN 7074 SCOTT 7091 HARDIN 7098 MARION 7121 MERCER

7129 MAGOSFIN 7215 ALLEN 7234 WEBSTER 7324 SHELBY 7334 BULLITT

7473 SHELBY 7507 PULASGI 7510 PULASGI 7604 WASKINGTON 7677 WC CREARY

7805 METCALFE 7924 WASRINGTON 7948 SPENCER 8080 MONROE 8085 MONROS

6144 TRIGG 8179 ANDERSON 8187 UNION 8246 MADISON 6254 LEWIS

8259 LEWIS 8486 LINCOLM 8551 MORGAN 6706 WHITLET 8714 GRANT

Latitude

7 38 11 85 44 7 38 17 85 48 7 38 15 85 46 6 38 58 88 50 3 36 53 86 02

3 37 18 87 29 3 37 11 86 08 4 37 09 83 48 6 38 44 88 39 6 36 42 88 38

7 38 36 83 42 5 38 36 84 18 2 36 37 83 43 2 38 37 83 43 4 38 07 64 42

5 38 18 84 09 5 38 18 84 09 3 37 27 88 03 2 38 30 84 51 5 38 11 83 28

5 38 03 83 57 3 37 16 85 53 9 36 36 08 20 7 38 18 83 I1 7 37 13 87 47

7 37 04 88 35 1 37 49 82 48 1 37 29 62 3I 2 36 45 83 42 4 38 20 65 07

3 36 50 88 54 4 38 23 84 32 6 37 42 65 58 6 37 35 85 21 4 37 56 84 49

5 37 45 63 04 3 38 45 86 12 3 37 36 67 32 8 38 13 85 18 8 38 90 85 44

8 38 20 65 16 2 37 07 84 35 2 37 09 64 37 8 37 41 65 14 2 38 42 64 29

3 36 53 85 40 8 37 52 85 09 8 38 02 85 21 3 56 42 85 41 5 36 42 65 41

9 36 45 68 05 4 38 02 84 51 7 37 46 87 57 4 37 51 84 26 7 36 36 63 19

7 38 38 63 21 2 37 22 84 34 5 37 55 83 15 2 36 44 84 10 5 38 38 84 34

4 37 38 83 50 2 38 53 85 06 3 37 11 86 38

900 MID J. M. MAY 3 4 770 SP SP NOBLE ALLEN 2 3 5 7 360 SP SERREE WATER WORKS 3 825 6P 6P FILLAS A RATTA 2 3 5 450 6P 7A RICHARD L. BLISSETT 2 3 5

862 MID F. W. SIMPSON 873 MID ROSCOE PIERCE 1050 8P 6P RADIO STA WSFC 738 8A WM. H. COATLEY 1420 MID MRS. WILLIE LEE REEO

TYA 680
7A CORPS OF ENGINEERS
6A CORPS OF ENGINEERS
7A CORPS OF ENGINEERS
5P CITY OF 'ANCESURG

234587

525 7A CORPS OF ENGINEERS
1215 7A FRANK HOMEE
7A 7A JOHN W. TURNER
939 6P 7A CRARLES B. WIST
943 6P 7A MISS N. B. SIMPGON

646 7A CORPS OF ENGINEERS 610 6A 6A CORPS OF SNGINEERS 504 7A CORPS OF ENGINEERS

3 36 53 85 43 6P 6P CRAS.H.MC MURTREY 2 3 5 38 29 85 29 475 7A G60RGE T.JOHNSTON 3

Refer

to tables

2 3 5 7 3 4 2 3 4 5

County Dames

0595 RARLAW 0811 MARSHALI 0619 MADISON 0624 MADISOW 0874 N8LSON

1763 BRECKIRRII 1801 WRITLEY 1806 WRITLEY 1855 KENTON 1938 RARRISON

2366 MUHLENBERG 2574 CASEY 2445 LYON 2469 METCALFE 2510 HARDIN

3203 HENRY 3241 BARREN 3280 HARDIN 3358 BOONE 3391 CARTER

3430 GREEN 3435 GREEN 3443 GREENUP 3451 MUHLENBERG 3539 CHRISTIAN

3652 OHIO 3708 PERRY 3714 PERRY 3741 LEE 3762 HENDERSON

3796 CHRISTIAN 3818 FULTON 3821 GRAVES 3637 JESSAMINE 3698 KNOTT

3928 LARUE 3994 CHRISTIAN 4093 LESLIE 4165 BRECKUNRIDG6 4198 BREATHITT

4236 LETCHER 4255 LETCHER 4369 JESSAMINE 4414 LIVINGSTON 4620 GARRARD

Latitude

2 38 58 82 57 9 38 51 88 21 4 37 34 84 18 4 37 34 84 16 8 37 48 85 42

3 37 00 86 28 3 37 01 86 26 3 38 58 88 28 7 39 03 84 25 3 37 12 86 16

4 37 48 84 43 2 36 59 84 37 2 38 46 87 58 3 37 20 85 21 4 38 41 85 10

3 37 40 86 14 2 36 58 84 08 2 36 57 84 08 7 39 04 84 40 5 38 23 84 18

4 37 38 84 48 1 37 48 82 32 4 37 02 83 07 1 37 25 82 48 3 37 33 86 43

3 37 05 87 00 3 37 13 84 56 2 37 03 88 05 3 37 00 85 37 3 37 42 85 52

5 36 40 84 20 5 38 09 83 33 5 38 25 83 43 5 38 25 83 44 4 37 53 84 15

4 38 25 84 53 3 37 00 85 55 7 37 54 85 58 7 38 59 84 49 7 38 19 82 57

3 37 16 65 30 3 37 15 85 80 7 38 37 82 51 3 37 12 87 12 5 37 03 87 20

2 36 44 87 34 8 38 34 69 12 8 36 48 88 30 4 37 48 84 43 4 37 20 82 59

3 37 S2 85 44 2 38 52 87 27 4 37 10 83 22 3 37 53 86 17 4 37 33 63 23

1 37 10 82 38 4 37 10 82 56 4 37 58 84 38 9 37 01 88 18 4 37 37 84 35

810 420

Station

BOWLING GREEN BOWLING GREEN SUBSTA BOWLING GREEN WB AP BRENT DAM 38 8 ROWWSVILLE LOCK 6

CARROLLTON LOCE 1 CENTRAL CITY CLINTON COLLEGE SILL LOCE II COLLOGBIA

DANVILLE 2040 BOTLE
OAVELLA 2053 MARTIN
DELPETA 1 5 2132 PERRY
DEMA 2139 KNOTT
OUNCEE BARRETTS FORD BR 2358 OHIO

OUNCER ARRESTED FORD BR 2358 ONLO
OUNCER CONTYLLE 2074 CASKY
CONTYLLE LOCE F 2445
CONTYLLE LOCE F 2445
CANCELLE 2715
CALLEGUE T 2715
FROME 2716
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FORDS FERRY DAM 50 2961 CRITTENDEN
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FRANKLIN WATER WORKS 3036 SIMPSON
FRENCHDURG 3052 MENIFEE
GROWGETOWN WATER WORKS 3194 SCOTT

GEST LOCE 3

GODMAN AFBU FT KNOX GRANT DAM 35 GRAYSON

LAURA LEITCHFIELO LEXINGTON WB AIRPORT LIBERTY LITTLE BICKMAN LOCE 6

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Observer

554 8P 7A CORPS OF SNGINEERS 1000 8P 6P UNION COLLEGE 837 6P 6P ST. JOSEPH PREP SCB MID! CTRUS 8. LAYSON 441 6P 8P E. G. YOUNG

380 8A 8A C. C. WRITEAKER
380 WID WILLIAM NELSON
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MID WILLIAM A. OATES
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7A WAS.HAZEL B.PICKETT

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		8A	W. T. ALEXANDER	3 4	
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910		7A	MRS. O. M. LAWLER		
770		MID	8. O. COOPER B. C. HAGGAN	3 4	
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600		7A	HUBERT 8. HODGES	3 4	
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730		MIO	ST MARY COLLEGE	3 4	

1 37 45 62 26 33 85 4 38 02 64 38 979 MIO 1 3 7 45 84 35 580 8A JAMES A. FIELD 3
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580 7A CORPS OF SWITHERS 5 4 1 I-BIG SANDY; 2-CUMBERLAND; 3-GREEN; 4-KENTUCKY; 5-LICKING; 6-MIG6I38IPPI; 7-ORIO; 6-SALT; 9-TENNESSEE

### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Indox are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and latters following the station name, such se 12 83%, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June Issue of this bullstin

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in '?, procipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Testher Duron type pan of 4 foot dimenter unless otherwise shown by footnote following Table 5.

Sleet and hail were included in snowfall averages in Table I, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown. Amounts in Table 3 are from nnn-recording gages, unlass otherwise indicated.

Cats in Tables 3, 5, 8 and snowfell date in Table 7 are for the 24 hours sading at time of observation. See the Station Index for observation time.

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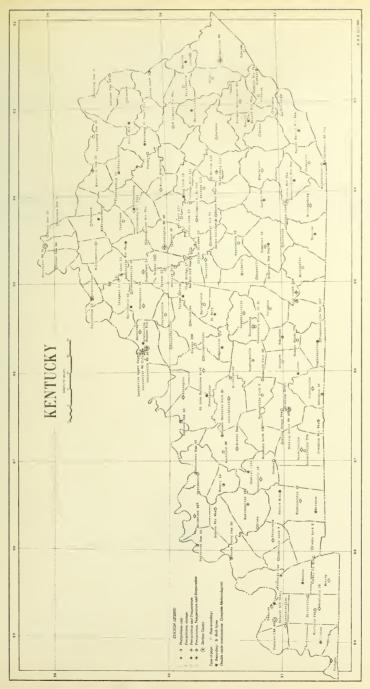
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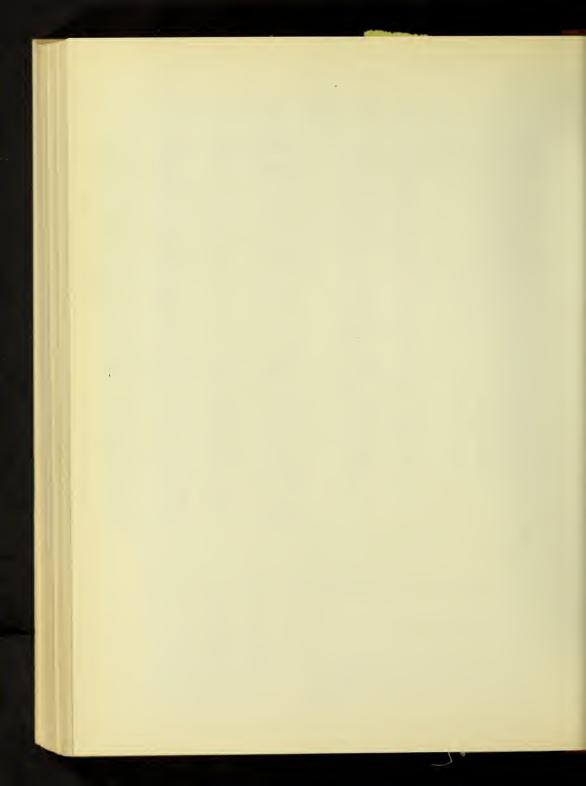
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U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F, W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

KENTUCKY

DECEMBER 1950 Volumé LV No. 12



#### KENTUCKY - DECEMBER 1950

O. K. Anderson, Section Director - Louisville

#### WEATHER SUMMARY

Temperatures during the past month were decidedly below the seasonal average. Precipitation, while frequent, was below the average and consisted to a considerable extent of snow. The percentage of sunshine was above average. Severe storms were generally absent during the month. The combination of November snow and December rainfall brought about the earliest Ohio River flood ever recorded for the usual high-water season. The month was unfavorable for farm activities because of snow cover and cold weather. Some damage was reported to grains because of thawing and freezing.

Temperatures for the first six days, while fluctuating considerably averaged below normal. A cold period set in on the 7th and did not moderate until the 22nd. During this period, daily mean temperatures were from  $6^\circ$  to  $18^\circ$  below the daily normals. During the balance of the month, the daily mean temperatures again varied above and below normal, but still averaged below normal. The highest temperature throughout the State occurred either on the 2nd or 3rd and the lowest was recorded on different days in the various divisions. All sections reported minus departures from the normal. The mean temperature for the State was  $32.1^\circ$ , which is  $5.6^\circ$  below normal. The monthly mean temperature ranged from  $35.5^\circ$  at Pikeville to  $27.1^\circ$  at Covington Weather Bureau Airport. The highest temperature reported in the State was  $74^\circ$  at Princeton on the 2nd. The lowest was  $1^\circ$  at Mammoth Cave Park on the 19th.

The average precipitation was 2.38 inches, or 1.40 inches below normal. Precipitation of varying intensities, occurring on 21 days, was frequent but generally light. The largest amounts fell at most places on either the 3rd, 4th, 6th or 7th. The distribution of precipitation was fairly even over the State, monthly amounts ranging from over 4 inches in southwestern counties to less than 2 inches in the extreme northeast. The extremes for the State were 4.48 inches at Haley's Mill, Christian County; and 1.49 inches at Vanceburg Dam 32, Lewis County. The greatest 24-hour amount was 2.87 inches at Haley's Mill on the 3rd. Total precipitation for the year is 63.52 inches, making 1950 the wettest year on record. The average monthly snowfall was 3.7 inches, which is 0.9 inch above normal. The greatest monthly amount was 9 inches at Allen and Flemingsburg. The greatest depth on the ground was 6 inches at Berea Water Works, Cynthiana, Flemingsburg, and Jenkins, all on the 1st.

The weather was not favorable for farm activities. Handling and marketing of tobacco progressed well with the major portion stripped and 55 per cent marketed at the end of the month. Grains and hay were plentiful with stock feeding heavy. Outside activities were restricted throughout the month due to the cold and snow. With thaving and freezing taking place, some grains were damaged.

The stage was set in November for the December flood in the Ohio River basin and in the rivers of Kentucky. The snow of November melting rapidly during the beginning of the month, accompanied by heavy rains, created the flooding which resulted in the highest stages to occur along the Ohio River so early in the season. The entire length of the Ohio River in Kentucky went to above flood stage. The rivers that went out of their banks were the Little Miami and the Green River from Rumsey downstream. Damage was small except in the lower part of the Ohio where inclement weather of November prevented the gathering of corn. Some cornland was inundated and some families were evacuated temporarily. W.S.

### ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Mydrocligab miletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Mydrocligab miletin the recording type which produce continuous records of precipitation. It was established in 1508 at the request of the Corps of Engineers, Department of the relative to the contained station of the Corps of Engineers, not the Corps of Engineers, and the Corps of Engineers, and the Corps of Engineers, and the Corps of Engineers, and the Corps of Engineers, and the Corps of Engineers, and the Corps of Engineers, This Network, now numbering should related works by the Corps of Engineers. These transferred annually to the Menther Bureau by the Corps of Engineers. These transferred annually to the Menther Bureau by the Corps of Engineers. These transferred annually to the Menther Bureau by the Corps of Engineers. These transferred annually to the Menther Bureau data required in its work, and since 1847 the Bureau of Reclamation has transferred about \$25,000 per year to seet the increasing needs of their program in the Menther Blatce.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas exhracing the entire United States, but since the Network was established to smet the internal requirements of the Federal agencies referred to showe, no provision was made for agencies and to certain public repositories. But it can be appeared to the state of the Hydrologic Bulletin Series are available for imagencies and to certain public repositories. Series are available for imagencies as the state of the Hydrologic Bulletin Series are available for imagencies as the obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in thie hulletin have heen mads available through the cooperation of various public offices, private agenciee, and individuals as listed in the Station Index.

## SUPPLEMENTAL DATA

KENTUK KY DECEMBER 1950

	Wind	direction		Wind m	speed p. h		Relati	ve hum	dity ave	rages		Numb	per of d	ays with	precip	itation			unset	
Station	Prevailing	percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12.30 a	6:30 a CST	12:30 p	6.30 p	Trace	6010.	.10- 49	20-99	100-198	2 00 and over	Total	Percent of possible sunshine	Average sky cover sunnse to s	Degree day
AN BE MOTORIXE.	S SW	18	10.7	-	-		81	85	85	74	11	4	1	2	0	0	18		7.1	See Table 2
OUISVILLE W8 AP	Иж	15	8.5	35	S	2	80	82	65	73	8	4	2	0	2	0	18	4.4	7.0	

able 1								СОМ	PAR	ATI	VE D.	ATA								
	T	emperatu	re	P	ecipitatio	on		Te	emperatu	10	Pr	ecipitatio	on		Te	emperatu	re	P	recipitatio	on
Year	Average	Highest	Lowest	Average	Average	No. of days	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more
1889 1890 1891 1892 1893 1894 1895 1896 1897 1900 1901 1902 1903 1904 1905 1907 1908 1909 1910 1911 1912	37.8 42.4 34.6 39.0 38.7 38.8 39.6 38.0 34.1 34.8 32.3 36.7 30.7 37.3 39.5 39.5 39.5 31.1 4.5 32.3 39.5	76 70 70 74 78 76 77 73 72 70 70 70 72 58 72 66 76 77 74 79 66 74 73 70	13 12 15 -3 10 -11 6 7 3 -12 -15 12 -22 -3 0 -2 11 -9 8 7 -14 -3 11 5 11	1.57 3.51 4.10 4.22 2.69 4.31 1.82 3.75 2.74 4.26 2.59 4.90 7.36 2.88 4.30 4.38 3.20 2.40 2.40 3.46 3.20 2.50 3.46 3.37 5.37 5.37 5.37 5.37 5.37 5.37 5.37	2.5 5.7 2.6 0.1 5.7 2.4 2.0 2.4 1.6 1.0 0.4 3.3 6.6 0.4 5.2	10 3 4 10 8 10 12 7 7 11 8 8 15 11 9 9 8 12 9 7	1914 1915 1916 1917 1917 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1931 1931 1931 1931 1931 193	32.8 37.0 35.5 26.5 44.8 34.6 38.6 41.7 41.5 46.6 35.9 37.8 37.8 37.8 37.8 37.8 37.9 46.1 37.9 46.1 37.9	70 64 74 72 75 68 68 68 73 77 75 79 70 75 77 72 76 69 73 72 75	-16 9 -14 -21 14 -21 14 -3 4 18 -5 5 -15 -15 -17 -8 -5 -11 0 0 3	5, 22 7, 56 4, 23 2, 01 4, 44 4, 93 2, 89 4, 40 6, 60 0, 89 6, 01 3, 37 2, 32 2, 21 2, 21 4, 32 4, 32	7.7 3.3 10.1 17.3 0.7 1.0 2.0 0.1 0.2 2.1 1.2 1.2 1.3 0.3 0.5 T 6.8 2.6 0.0 1.9 1.4 1.5 9.0 2.0	14 12 10 8 12 7 9 7 12 14 9 5 10 12 7 11 8 8 12 7 7 12 14 9 9 7 12 14 9 9 10 11 10 10 10 10 10 10 10 10 10 10 10	1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 Period	38.8 42.7 42.5 36.3 35.2 33.0 31.8 42.3 37.8 40.5 40.9 32.1	72 75 72 76 68 63 65 77 73 74	- 2 61 11 - 5 - 1 5 - 7 7 7 8 - 6	2.32 3.16 2.80 5.34 2.24 3.62 2.50 3.19 1.77 4.49 5.70 2.38 3.78	6.6 T 1.3 4.4 7.6 1.0 T 1.6 0.3 3.7	7 11 8 13 9 11 10 7 5 10

				Temp	erature									Precipitati	on				
		-19					10	No. o	í days		-			Snov	w, Sleet, Ha	úl	N	o. of da	ys
Station	Average	Departure from norma	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at oban.	Date	.01 or more	25 or more	1.00 or more
WESTERN DIVISION												Total Contract							
BEAVER DAM FORDS FERRY DAM 50 GREENVILLE 2 W HENDERSON 4 SW BICKMAN	31.6 32.8 32.3 31.2	- 6.5 - 6.1 - 6.1	71 72 71 72	2 2 2 2	8 9 7 7	19 7 18 18 7	1024 989 1006 1040	0 0 0	27 26 25 29 23	3.59 1.63 4.05 2.16	06 - 1.28 .32 - 1.65	2.13 .59 2.12 .96	3 3 6	2.8	2 2 3 3	12 7+ 11+ 10	6 6 6 8	2 3 3 2	2 0 2 0
BOPKINSVILLE 2 E LOVELACEVILLE MADISONVILLE 1 SE MATFIELD 2 S WURRAY	32.7 33.4 31.2 33.5 34.5	- 6.1 - 5.5 - 6.3	72 73 71 71 73	2 2 2 2 2 2	9 8 7 7 8	18 18 18+ 18	994 974 1041 969 940	0 0 0 0	29 26 27 26 25	2.27		1.10	6 3 3	2.0 2.0 T	3 T	6+	5	3 2	0
OWENSBORO PADUCAB CAA AP PADUCAB PATUCAB PRINCETON RUSSELLVILLE	31.1 32.1 32.0 32.8M 32.4M	- 5.8 - 6.8 - 5.9 - 5.3	72 72 73 74 71	2 2 3 2 2	8 10 9 6 10	18 18+ 28+ 18 18+	1045 1014 992 995	0 0 0 0	25 29 28 24 26	E2.22 1.63 1.91 2.13 3.05	- 1.18 - 1.68 - 1.71 62	.70 .74 .92 .86 1.18	7 6 3 6 3	2.8 2.8 3.0 2.0 3.2	2 2 1 T 2	12+ 6+ 7+ 7+ 13	5 6 5 8 10	3 2 2 3	0 0 0 0
DIVISION	32.4									2.49				2.7					
CENTRAL DIVISION																			
ANCHORAGE BARDSTOWN S J PREP SCB BOWLING GREEN WE AP BURGIN DIX DAM CAMPBELLSVILLE	29.9 32.2 31.7 32.4 33.4	- 4.8 - 7.0 - 6.7	71 70 70 69 69	2 2 2 2 2 2	5 7 11 6 7	27 27 18+ 27 27	1079 1009 1024 1005 975	0 0 0	29 26 30 25 27	2.81 E2.22 2.30 2.22 2.09	82 - 1.99 - 1.19	1.24 .80 1.37 1.20 1.23	3 6 7 7	3.1	3 1 2	7 11+ 7+	5 7 7 9 8	3 4 2 2 2	1 0 1 1
CARROLLTON COVINCTON W B AIRPORT DANVILLE FRANKFORT LOCK 4 GREENSBURG	27.1 31.5 30.7 31.1	- 4.9 - 6.3 - 6.1	70 65 69 70 70	2 2 3 3 3	6 3 7 7 9	27 27 27 28 19	1166	0 0 0	29 28 30 30	2.35 2.01 1.64 1.80	- 2.06 - 1.73 - 2.27	1.23 1.17 .93 1.20	3 7 7 7	6.4 5.7 2.5	2 3 2	7+ 7+	12 11 10 4	2 2 2 2	1 1 0 1
IRVINGTON LEITCHFIELD LEXINGTON WE AIRPORT LOUISVILLE STAN W E AP LOUISVILLE WE CITY	31.3 31.5 29.7 30.5 31.6	- 5.7 - 5.7 - 6.1 - 5.8 - 6.0	71 70 65 70 70	2 2 2 2 2	6 8 6 9	18 27 27 27 27	1037 1032 1089 1061 1028	0 0 0 0	27 27 29 28 27	2.75 E3.12 1.83 2.66 3.00	92 - 1.27 - 1.94 - 1.08 74	1.31 1.50 .71 1.12 1.15	3 7 7 6 3	1.7 2.2 5.5 4.8 3.9	1 2 3 2 2	7 12 7+ 7+ 7+	6 8 7 8	3 2 3 2 3	1 2 0 2 2
MAMMOTE CAVE PARK ST JOHN BETHLEHEM ACAD SCOTTSVILLE SHELBYVILLE 2 W SOMERSET 1 N	30.7 29.8 33.3M 30.5 33.1	- 4.5 - 5.9 - 5.0	70 69 68 69 66	2 3 2 2 2	1 7 8 5	19 19+ 19 27 18+	980 1063 980	0 0 0 0	30 28 23 27 24	2.16 2.95 E2.67 2.36	- 1.46 - 1.15 - 1.49	.73 1.62 .89 1.10 2.50	8 7 3 7 7	3.2 .7 5.1 7.1	1 1 2 3 3	7+ 12 7+ 8 7+	8 8 7 9	3 2 3 3	0 1 0 1
SUMMER SHADE WILLIAMSTOWN WOLF CREEK DAM	32.8 28.9 35.0	- 6.0	68 65 72	2 3 3	8 3 11	19 27 8+	990 1111	0 0	27 27 26	2.06 1.54 3.27	- 1.83	.62 .78 1.68	6 7 7	1.7	2	11	7 8 7	3 2 2	0 0 2
DIVISION	31.3									2.37				3.9					
EASTERN DIVISION																			
ASHLAND DAM 29 BARBOURVILLE BENHAM BEREA COLLEGE CORBIN CAA AP	34.2 35.0 30.5M 31.8 32.3	- 3.6	70 68 67 69	2 2 2 2	7 8 9 8	20 19 19+ 8 19	946 923 1024 1021 1004	0 0 0 0	28 27 28 28 27	2.07 1.93 4.37 2.33 2.30	- 1.10	1.02 .70 1.89 1.19 1.12	8 7 7 3	4.6 T 6.4 4.2	2 2 4 2	1+ 12 7 7+	9 6 9	3 4 2 2 3	1 0 2 1
FARMERS GRAYSON EEIDELBERG LOCK 14 BINDMAN SETTLEMENT SCB MANCHESTER	32.2 32.6 33.6 31.4 34.6 8	- 4.3	67 68 68 65	2 2 2 3	6 7 7 12 10	8 27 8 8+ 7	1010 996 968 933	0 0 0 0	29 28 29 28	1.67 1.84 2.14 2.67	- 2.07 - 1.72	.50 .50 .65 .93 1.30	4 8 4 4	5.3 5.0 3.8 3.0	3 2 2 2	8 8+ 10+ 12 8+	9 7 11 10	3 3 4	0 0 0
MAYSVILLE DAM 33 MIDDLESBORO MOUNT STERLING PIKEVILLE RICHMOND E STATE COL	30.6M 35.0 32.0 35.5 30.	- 4.7 - 4.2 - 2.3 - 7.4	66 63 65 71 67	3 2 2 2 2	8 8 6 13 7	27+ 19 27 18 8	921 1015 908	0 0 0 0	28 24 25 25 25 28	1.55 E2.31 2.96 2.60	- 1.97	.42 1.06 1.25	8 7 7	7.4	4 4 1 3	1+ 7 1+ 7+	10 10 ,9 9	3 3 3	0 2 1
VANCEBURG WEST LIBERTY WATER WKS WILLIAMSBURG	33.2 32.1 34.6	- 4.7	68 65 68	2 2 2	7 9 7	27 27 28	980 940	0 0 0	28 .	E1.72 1.86 E2.60	- 1.21	.67 .47 1.25	7 4 4	4.5 3.8 2.1	т	6+	6 9 8	2 3 3	0 0 1
DIVISION	32.0									2.31				4.3					
STATE	32.1	- 5.6								2.38	- 1.40			3.7					

Day of month

Station	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
DDINON DAM 45 DDINON DAM 45 R DOLPHUS 1 N DOLPHUS 1 N R LLEN	.0	4 3	08	N7 16 37 58	T (14 75		06 1 30 19 1 08	74	1 4		T 05 04	.03 .06 .09 10	08 30 03 ,01			.05					.11								02	05 01 0H	T		2 44 2 41 2 10 1 89 2.17
RCHORAGE SHCAMP SHLAND DAW 19 ARINGURVILLE ARINGURVILLE R	.0			.70	1 30 52 45		.54 .35 25 15	05 93			.05 T .05				т	02	26		Т	.09	T	т			т	01	т		.21	30 01 29 08			2 81 2 95 2 07 1.93 2.85
ARDSTOWN S J PREP SCH AKTER HARLAN WIR WES R BAVER DAM KMRAM ENTON R	.0 T	1	01	.80 1.24 2.13	.07	T . 22	70		.06	16	E.10 13 05 04	.04	.07 .02 .07			. 11	.06	T	т	.06	.02	т	T				т	т	23	.11	02	т	E2.22 3.65 3.59 4 37 2.01
EREA COLLEGE EREA COLLEGE EREA WATER WORKS DETON 2 SW DWLING GREEN	.0		03	.77 .74 .18	68 63 . 15		.12	1.19 .65 1.16 1.18 1.41	. 1	т	.09 .06 .06	T .06	E.10 20		7	.04 .11 T .06	.02			. 03	.09 .15 .02 T	т		.06					.07	.04 02 .08 T	T 04		2.33 2.31 2.88 £2.19 2.56
OWLING GREEK SUBSTA OWLING ORKEN WE AP OWLING GREEN WE AP RENT DAM 36 ROWNSVILLE LOCK 6	т .4	2 .	01	.65 .76 .69 .61	.11	. 03	1.37	1.20		Т	.01 .05 T	.09	.04 T .04 T	T	,04	T .03 .02	.03	т	т	т	.06	т					.01	T	.01	.03 T .03			2.22 2.30 2.18 2.43 2.28
ORGIN OIX DAM TRNSIOK LOIZ LOCK K LMPDELLSVILLE LRRULLTON	т	T		1.04	.46		. 76	1.20 1.47 .48 1.23	.05 T .02 .06	.06	.08 T	.10 T T .08	.05 T .05	T		T	.10		.06	т	.08 T									.18 T	Т		2.22 3.75 2.47 2.09
RROLLTON LOCK 1 RROLLTON LOCK 1 RITTAL CITY WATER WES R INTON R DLLEGE EILL LOCK 11			69 91	1.07 1.16 .7R .14	.15	. 29	T . 46 1.15 .72 .07	1.12 68 .12	.12	. 05		.01	.02			.05	.05			.04	.05												2.50 2.50 2.98 2.06 2.01
PLUMBIA LW COLLEGE PRINTINE R PRBIN CAA AP PVINGTON W 8 AIRPORT INTEIANA	T .0 .0	T		.30 1.47 1.12 1.23 .13	. 40	Т	1.57 1.14 .25 .17		T .42	T T	.10 .13 .15	.07 .02 .04 .01	.08 .08 .02 T	T .06	T	.02 .02 T	.30	.01		.02 .03	T .01 .05		Т	Т		.02	т	Т	.21	.40			3.33 2.98 2.30 2.35 2.06
ANVILLE AVELLA R ELPRIA 1 8 EMA JADEE BARRETTS FRD B				.07 .79 .35 .27 2.20	.85 .64 .05		. 49	1.36 1.34 1.18	.03		.03 .10 .17	.03 .04 .03 .20	.03 .05 .10	.02	.02	T .18 .42	.05	T .05	T	.07	.03		.02						.03	.17			2.01 2.85 3.24 3.28 3.72
INDRE BARRETTS FRD 8 R JUNOR JUNOR JUNOR JUNOVILLE DOCK F DEMONTON	.0		11 :	.80	1.00		1.22 .57 2.00 .85	. 10	1.24		- T	.08 .02 - T	.01 .12 T	-	-		-	-			-	-				_			-	.10			3.62 3.18 - 1.81 1.89
OMONTON R LIZABETETOWN LIMOUTE REMERS LEMINGSBURG		T	11	.46 .80 .10 T	.15 32 .50 .32		. 10		.01 E .10 .31 .34 .36		.02 .05 .07	.06 .05 .02 .02 .06	.04 .12 .01 .01	T	.01 T	. 26	.02 .11 .12		т		.06	T T	.02 T	Т					.08	.03			2.13 E3.52 1.68 1.67 1.71
LEMINGSBURG POST OFF R DRD LOCK 1 DRDS FERRY DAM 5 DRDS FERRY OAM 5 E RANKFORT LOCK 4	.0	2 7	42	.38 .10 .59 .12 .13	. 52	. 11	.17 .10 .51 .85	.64 .94 .43 .03 .93	.32		.05 .09 T	.02 T .03	.03 .03 .07		.02 T	T T	.12	т			.05			T			Т				Т		1.55 2.31 1.63 1.59 1.64
RANKLIN WATER WORKS RANKLIN WATER WORKS R RENCBBURG SORGETOWN WATER WORK EST LOCK 3			55	T .61 .66 .11 .27	.38			.02 .68 E.30 1.06			ε.10 Τ	.09 * E.05	. 13 .04 *	Т	* T	.60					.30				т					.28			2.52 £1.67 1.73
EST LOCE 3 R LASGOW RANT DAM 38 RAYSON REENSEURG			03	.48 .05 T	30 .80 .45 .30		. 10 T	1.05 .85 .42 1.20		,06	.03		T ,20		T	.10 T	.05	т	т	.02 T	.06	Т		Т		т	T .02			.05 T			1.87 1.76 1.97 1.84 1.80
REENUP DAM 30 REENVILLE 2 * ALEYS MILL E ARTPORD B N AZARD	.0	5 .	01	T 2.12 2.87 1.04 .80	.38	T .16	1.23 1.30 1.19	1.01	.07	-	.20 .02	.05	T .10 .04 .11	-	T -	.07	_	-	Т	-		T		T -	-	-	.02	-	T -	.13	.02		1.97 4.05 4.48 2.61
AZARD WATER WORKS R EIGELBERG LOCK 14 EIGELBERG LOCK 14 R ENDERSON 4 SW ERNDON R	T .0	8 2 1.	03 08 37	.04 T .66 .82 1.15	1.07	.02	.06 .29 .96 1.13		. 04		.06	.05 .05 .06	.02			-	.07	-		T	.04	T -	-		T		Т		.15	.29	.02		2.62 2.14 2.16 4.00
ICKSVILLE IGR BRIDGE LOCE 7 INDMAN SETTLEMENT SC ODGENVILLE NAT PARK R OPKINSVILLE 2 E	. 0	6	01 02	.80	.45		.72 .04 1.32 1.10	. 65	.39	т	.07	.08 T .05	.16 .02 .09 .03			Т	.01				T .11								.35	.25	.05		2.04 1.75 2.67 2.59
YORN RVINGTON ENGINS R ENKINS R EREWIAH	T .0	8	20		1.32	1.10		1.15 43 35 1.39	1.40		.02 .10 .13 E.15					T .15		т	Т	T T	.10 .07 E.02	Т	Т						.09	.55 .21 .30			2.87 2.75 4.20 3.51 E3.18
ENTUCKY OAM ENTUCKY DAM R ANCASTER ICE PLANT AORA	0		12 01 62 03	.07	.40 .90 .87	. 28	.62 .62	1.22	.02	Т	.03	.03		-	-	-	.15	T -	-	-	.01		-				-		.08	.14			1.68 1.79 2.60
EITCHFIELD EXINGTON WB AIRPORT R IBERTY IBERTY R ITTLE BICKMAN LOCK 8	. o		10	1.08 .50 .27 .80 .08	. 54		.15 .47 .05 .93	1.50 .71 1.50 .65 .90		. 02	.04			T	Т	.07 .01 .10 T	.10	T	Т	.03	T .05	T	T				Т		.01	.02			E3.12 1.83 2.71 2.70 E1.80
ITTLE EICKMAN LOCK 8 R OCEPORT LOCK 2 OGLICK 1 S //R ONDON 3 SW R OUISVILLE BOWMAN FLD R	.0	4		.49 .41 .60 1.00 1.25	. 22		.41 T .44 .20	.62		.03	.08	.02	.05			.09 .02 .11 .02	Т			.03	.08								.17	.05			1.84 1.75 2.12 2.73
DUISVILLE STAN W 8 A R DOISVILLE OPPER GAGE DOISVILLE W8 CITY R DVELACEVILLE DCAS E	т		03 06 10	1.09 .96 1.15	. 10	,	1.12 .02 1.14 .90 .92	.22 1.45 .47		.02	T	.03 T .01 .17	.03 .01		Т	T T	т	T		.10	T .10 T						T						2.66 2.72 3.00 1.55
AOISONVILLE 1 SE ADISONVILLE 1 SE R AMMOTE CAVE PARK ANCHESTER AVPIELD SUBSTA	, 0 T	2	40	.91 .50 .71 T	1.30	.01	.73 1.09 .73 .05 .80	.53 .60 .90	.05	т	T .02 .05	T .05 .02 E.10	.08 .02 .05 T			т				т	т									.01			2.27 2.12 2.16 2.26

See reference notes following Station Indi

- 195 -

## DAILY PRECIPITATION

Station													,		Day	of m	onth															Total
Jiadou	1	2	3	4	5	6	7	-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	T <sub>o</sub>
MAYFIELD 2 S MAYSVILLE DAM 33 MAYSVILLE DAM 33 MAYSVILLE DAM 33 R MC KINNEYS8URG //R MIDDLESBORO	-	-	1.11 .35 - .73	.40	. 14	.76	.36 .76 .64 1.70	.42		.01	.04	.02	т	т	.01 .24 .17	.21			. 03	.05 .06	.03							-	.02			1.55
MIDDLESBORO RR STA R MIDWAY MILLERSBURG //R MILLERSTOWN MONTICELLO	. 06		1.09 .95 .40 .7B .65	.21	.02	.40	1.47 .20 .77 .65 1.70	. 07	-	.02 * T	.12	.02		т	. 09	. 30			.02	.05				т				. 19 T	.10			3.20 1.85 2.48 3.12
MOOREHEAD STATE COLLEGER MOUNT STERLING MUNFORDVILLE MUNFORDVILLE R MURRAY	т		.45 .20 .52 .65 1.63	.62	. 13	.02 .05 1.23	.90 1.34 .03	T :10	т	10 E.09 T	E.05	.12	.03 E.05	T	. 18		T		.01 E.05	.03		т			т				.01			1.72 E2.31 2.36 2.12 2.73
OLIVE SILL 1 NW ONEONTA DAM 35 OWENSBORO OWENSBORO DAM 46 OWENSBORO DAM 46		T T T	.33 .20 .68 .48 .46	.37 T		.02 .61 .35 1.11	.86 .35 .70 .93 .04	.2B	. 25	.05 E.03 T	* .05 T	.03 E.20 .09	.15 T	.03	.31 .02 T	.05			.02	.04 .03						.02		.01	.08			1.83 1.73 Σ2.22 1.86 2.00
PADUCAE CAA AP PADUCAB PADUCAB SCS NURSERY R PAINTSVILLE PIKEVILLE	.01 .03	. 55 T . 79 . 05	.17 .92 .10	.83 1.04	.12 .23 T	.74 .66 .64	.20	T .18		.25 .05	.04 T .08 .20	.10 .04 .05	T T	т	T .11		T	т	.02 T	.02		т				т	т		.02		т	1.63 1.91 1.87 2.04 2.88
PIKEVILLE R PINCVILLE PRINCETON RATENNA LOCK 12 RICHMOND E STATE COL		.02	.99 .01 .80	.06 1.43 .55 .50	. 08	.86	1.02 1.48 .14 .68 1.25	.32	т	.09 .03 .15 .08	. 07	.02 .03 T	T	T	.13	T T	T			.05 .01 .06 .05	T	т	T	T .00				.03	.22 .27 .11	.02		2.63 3.63 2.13 1.63 2.60
SUMSEY LOCK 2 RUMSEY LOCK 2 RUSSELLVILLE RUSSELLVILLE SUBSTA SADIEVILLE WATER WORK R	.06	.05 .33 T		. 16	. 01	.44 1.12 .42 *	.06 .91 1.27	ε.05 .04 .04 .20		.09 .01	T . 10 . 06 T	.03	.16	_	-	-	_			_		-	-	_	-	-	-		.01 T			2.29 3.05 2.68
ST JOBN BETHLEHEM ACA ST MARY SALVISA LOCK 6 SALVERSYILLE //R SCOTTSVILLE //R	. 08	.09	.92 .45 .08 .64	. 18		. 90	1.62 .54 1.23 .88 .13	.01	.04	.02 E.05	.01 .08 .02 .15 E.06	.06		т	.01	.05			.07 .09	T .02 .04								.02	.31			2.95 2.18 2.00 2.27 E2.67
SEBREE WATER WORKS SHELBYVILLE 2 W SHEPHERDSVILLE 2 NW SMITHFIELD 4 S R SOMERSET SIWAY DEPT R	.02	T -	.55 .65 -1.14 1.20	. 25	T -	.91 T - .75	1.10	.05	.04	.05 .03 .03	.03	.14 T -	T		.05		т		.08	.11 E.20 .02								.16	.04			1.99 2.36 2.74 3.19
SOMERSET 1 N SPRINGFIELD STEARNS R SUMMER SHADE SUMMER SHADE SUMMER SHADE SUBSTA	. 20 . 04 . 02 . 03	T	1.01 .20 1.43 .57 .26	.32		.05 .75	2.50 .98 .67 .59 1.23	T T	.01 T	.03 .05 .13		.02	т		.03				.02 T	.09	.03	.01		.01				.19	.02 .08 .11 .15	.03		1.75 3.32 2.06 2.03
TATHAM SPRINGS R TAYLORSVILLE TOMPRINSVILLE R TOMPKINSVILLE TEL OFF TURKEY CREEK SCBOOL	. 02	T .03	.43 .45 .79 .42 1.52	.29		1.04	1.07	.04	.04	.02 .02 .05 T	.03	.04	т	.03	.06				.07	.01	т							. 15				1.83 2.55 2.33 2.15 2.67
TYRONE LOCK 5 UNIONTOWN DAM 49 UNIONTOWN DAM 49 R VALLEY FIEW LOCK 8 VANCEBURG	т	.03	.08 .56 .12 *	.3B	.09	.35	1.15 .52 .03 1.00 .67	.25 T		.05 T	.09	.09 .04 .02	т	7 .01 T	. 06 . 40	. 10		т	T	.04 E.10		т										E2,53 1,53 1,56 1,78 E1,72
VANCEBURG DAW 32 WAYNESBURG 6 E WEST LIBERTY WATER WE WESTPORT WILLIAMSBURG	т	T 1.20	.36	. 44 . 66 . 47	т	.15 T 1.35	. 20 1. 25 . 42 T . 87	.46 .10 .38	.04	T .02 .05 T	.05 T	T .05	T	T T	.04 T	.15				.04 .09 .08 .02	T								.14 .14	т		1.49 2.82 1.86 3.51 E2.60
WILLIAMSTOWN WILLOW LOCK 13 WOLF CREEK DAM WOODBURY LOCK 4	.02 T		. 46 . 91 1. 45			1.23	.85 1.6B	.35		.08	.02 .10 .03	.10		.03						.10									.15 .21 .17			1.5- 2.4: 3.2: 2.9: 2.8:
WOODBURY LOCK 4 R			1.52		.02	1.13	.02				. 10	.02																				2.81

Station						A N	4 Hou	r endi	ng									PB	nou	z endi	100				
Othion		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	В	в	7	8	9	10	11	12
													-ls	t-											
ISON DAM 45										.04			.04	. 01											
BOURVILLE TER HARLAN WATER WKS KA COLLEGE											0.7	.01	,04	. 04	.01							.OI			
											.0I .04	.02			.05	. 1	.01	.01			. 03				
BIN CAA AP DEE BARRETTS FORD BR	6								.03 .01	.01	.01				.05			•			.03				
		.04	.01						.01		. 01														
ARD DELBERG LOCK 14 GENVILLE NAT PARK KINS									.02	.01	. 01	. 02	.01	. 04	.02	.01									
KINS TUCKY DAM				. 05						. 01	.01				.02		.03	.01							
INGTON WB AIRPORT											.05														
TUCKY DAW INGTON WB AIRPORT ERTY TLE BICKMAN LOCK 8 LICK 1 S DON 3 SW ISYILLE WB AP												. 01	.02	. 04											
DON 3 SW TRYTILE WR AD			-	-	-		-		-	- 1	-	.01	-	-	-	- 1	-								
KINNEYSBURG DLESBORO RR STA	7.5		-	-	-		- '	-	-	-	-	.02	.04	-		- )	-	**	-	-			-		
UCAH CAA AP SEY LOCK 2	8							.01	.04																
MARY ERSET HIWAY DEPT										•	.01	.08	.01	. 02											
ARNS TAM SPRINGS										.02	.02	.02													
F CREEK DAM									.02	.02		.01	.04												
													-20	d-											
DISON DAM 45 ETER HARLAN WATER WES		.01																						.01	.14
		.01																	.13		. 04	.05	.18	.31	.14
TRAL CITY WATER WES																					. 08	.16	.30	. 26	.57 .11 .87
RDS FERRY DAM 50		.01			.01	. 01																.15	.13	. 07	.07
TARD RNDON		.01			.01	.01																	.18	.18	.01
STUCKY DAM																						.11	.19	.20	.12
VISVILLE BOWMAN PLD VISVILLE WB AP VISVILLE WB CITY																								01	.03
ISONVILLE 1 SE INSBORO DAM 46																							.13	.07	. 20
NSBORO DAM 46 UCAH CAA AP UCAH SCS NURSERY	6																				.04	. 42			
																							.13	.10	.10
THFIELD 4 S ONTOWN DAM 49	11																					.19	.18	.06	. 04
													-3	d-											
DISON DAM 45		.19	.16	. 20	.14	.06	.07		.02			.01	.02	.01	.01			. 01	.01	.01					
DIPHUS 1 N RBOURVILLE			.07	.05	.00	.02	.01	.06		.01	.02		. 05	.10	.22	.13	.08	.12	.17	.16	.11	.06	.02	. 03	.02
TTER HARLAN WATER WES		.11	.05	. 05		. 02	.11	. 04	.06	.04	.03	. 04	. 04	. 03	. 04	. 08	.08	. 09	. 04						
WLING GREEN WB AP RROLLTON LOCK 1		- 00	.08	. 25	.12	.11	.05	.03	.00	.08		.02	. 01	.05	.03	. 04	. 05								
RROLLTON LOCE 1 NTRAL CITY WATER WES INTON		.09	.20	.17		.01	.06	.03		.01	.01	.02	.01	.02	.01	.01	.00								
		.30 .10 .11	.03	. 32	.01	. 20	.15	.03	.02					.01	.04	.07					. 54				
RBIN CAA AP VINGTON WB AP	6	.12	. 28	.20	.06	.07	.21	.04	.08		.07	.01	.01	.01	.03	.04	.06	.01							
VELLA NDEE BARRETTS FORD BR		. 34	.02 .26	. 11	.06	.05	. 01			.12		.04	.02	.01	.01	. 08	. 03	.01	.01		.01				
			. 01	.02	.04	.05	.01	.01	.03	. 02	.02	.03	.02	. 03	.01	.03	. 09	.08	.02		.02				
EMINGSBURG POST OFF RDS FERRY DAM 50 ANKLIN WATER WORKS		.09	. 20	.03	.14	.09	.04		.01			. 01	.01	.01	.02	.01	. 03	. 01	. 01						
ST LOCK 3 LEYS MILL			. 01		.11	.06	.02	. 03		. 01	.02	. 02	.02	.03	.04	.06	2.80	. 01	.01						
ZARD IDELBERG LOCK 14	- //	. 09	.12	.03		.01	.05	.11	.31	.05	.02	.03	.02	.01	.03	.03	.09	.10	.11	.07	.02			.01	
RNDON DGENVILLE NAT PARK		. 55	.36	.19	.05	.12	. 02	. 02	.01	. 01	. 01	.01		.01	.03	.05	.01	.07	.25	.19	. 21	. 22	.14	.05	. 05
NKINS NTHOUGH DAM		. 08	. 08	.01							0.5	0.5	0.5	0.0	0.6	0.7	0.7	0.5	,25	.19	. 21	. 66		,00	.03
XINGTON WB AIRPORT					.03	.01 .19 .02	.03	.02		. 01	.03	.05	.07 .05 .04 .04	.04	.06 .11 .06	.07 .06 .06 .06 .02	.07	.05 .06 .05	.01						
TTLE HICKMAN LOCK 8 GLICK 1 S					.02		.01	.03	.01 .01	.04	.01	.04	.04	.05 .02 .10	.06	.06	.10	.06	.06	.02					
NDON 3 SW		. 29	. 24	.32	.15	.07	.09	.06 .01 .02	.02	.02	.03	. 07	. 08	.01		.01	.07	.13	.12	.07					
UISVILLE BOWMAN FLD		. 23	. 21	.27	.14	.13	0.4	. 02	.01					.01	.06	. 03									
UISVILLE BOWMAN FLD UISVILLE WB AP UISVILLE WB CITY		. 21	.03	.03	.02	.10	. 03	, 02	.01	.01	.01	.01	. 02	.01	.02		0.5	0.5	00	00					
								. 01	.01	.03	. 04	.06	.02	.04	.03	.02 .12 .06	.02	.07	.08	.03	. 09	. 06	.02	. 01	. 01
DISONVILLE 1 SE								. 02		.01	.01	.01	.05 .06 .02 .01	.04	.07		.07	.08	.01	. 01					
DISONVILLE 1 SE YSVILLE DAM 33 DDLESBORO RR STA				.24	.13	.08	.02	. 03	.02	.01			.01	.03	.04	.04	.03	.07	.08	. 05					
DISONVILLE 1 SE YSVILLE DAM 33 DDLESBORO RR STA LLERSBURG REHEAD STATE COLLEGE NFORDVILLE		. 09	.17	.14	.05	.01		.17																	
DISONVILLE 1 SE YSVILLE DAM 33 DDLESBORO RR STA LLERSBURG REHEAD STATE COLLEGE NFORDVILLE	6	. 55													.01		.08	.13	.18	.16	.09	.16	.09	.03	.06
DISONVILLE 1 SE YSVILLE DAM 33 DDLESBORO RR STA LLERSBUNG REHEAD STATE COLLEGE NFORDVILLE IVE HILL 1 NW ENSBORO DAM 46 DUCAB CAA AP DUCAB SCS NURSERY KEVILLE	6	. 55	.01		.06	.01	.04	.02	.01	.01	.04	.02	.02	.03	0.2	.07	.07	.01							
DASONVILLE 1 SE TSVILLE DAW 33 DDLESBORG RR STA LLERSBURG REHEAD STATE COLLEGE NFORDVILLE NW FRIELL NW FRIELL NW FRIELL NW FRIELL STATE DUCAE CAA AP DUCAE CAA AP DUCAE CAA AP BUCAE CAA AP SEVILLE CAS SUURSERY EEVILLE	6	.55	.01	.09				02	.01	.01	.04	.05	.02	.03	.03	.08	.04	.06	.10	.10	.10	.05			
DASONVILLE 1 SE TSVILLE DAW 33 DDLESBORG RR STA LLERSBURG REHEAD STATE COLLEGE NFORDVILLE NW FRIELL NW FRIELL NW FRIELL NW FRIELL STATE DUCAE CAA AP DUCAE CAA AP DUCAE CAA AP BUCAE CAA AP SEVILLE CAS SUURSERY EEVILLE	6	. 55		.09	.09	.02		.02	.02	.02	.02		.01	. 02								.00			
AND THE SE STATE OF THE SE STA	6	. 55	. 25		.09	.02	.07		.02	.17		.03							. 08	. 02		.00			
DISONVILLE 1 SE YSYILLE DAM 33 DDLESBORO RR STA DDLESBORO RR STA REHEAD STATE COLLEGE NFORDVILLE IVE HILL 1 NW ERSBORD DAM 46 DUCAH CAA AP DUCAH CAA AP DUCAH CAA AP DUCAH CAA AP TOTE ON THE WATER WORKS MARY LUTERSVILLE TITHE IBLD 4 S MERSER'S HINAY DEPT	6	. 55		. 01		.02 * .05 .10	.07		.02	.17	.03	.03 .12	.05	.03	.09	1.14 .11 .21	.07	.10			.01	.00			
BERTY MICHAN LOCE 8  THE STATE OF THE STATE	6	.55	. 25		.09	.02	.07 .08 .03 .02	* .14 .03 .03 .08	. 02	.17		.03 .12 .01 .04		.03	.09	.11		.10	. 08	. 02		.03			

Station					A. 1	M. Hot	ır endi	ng									P. N	4. Hou	ır endi	ing					-
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
BAXTER BARLAN WATER WKS CORBIN CAA AP 6 JENKINS PIKEVILLE	.01 * .05 .06	.01	.01	.01	.01			.01	. 01			-4 -5	th-										•		
SENTON CENTRAL CITY WATER WES LINTON ORDS FERRY DAM 50 SALEYS WILL ERRHON CENTUCKY DAM AL AL AL AL AL AL AL AL AL AL AL AL AL A										.01		.03	. 02	.01	.04	.02	.01	. 01	.01	. 01	. 03	.02	.06 .02 .03 .06	.07 * .07 .03 .05 .09	
INDIGNATION OF THE PROPERTY OF	.01	.01	-	-	-	-	-	-	-	-			. 01	.01	. 04	* .01	* .02 .01	.01	.01	.01	.01	.01	.05	* .06 .01 .01	
DDISON DAW 45 // DOLPBUS 1 N // ARBOURVILLE	. 01	.04	. 02	.01	.04	.04	.10	.11	.10 .03 .02	.08	.05	-6 .05		.05	.07	.12	.08	.07	.03	.09	. 03	.01	.03 .02 .03	.02	1.
AXTER BARLAN WATER WES ENTON EREA COLLEGE OWLING GREEN WB AP ARROLLTON LOCK 1 //	.04	.07	,08	.07	.09	.06	. 03	.13	.01	.04	.03	.03	.01	.16	.11	.02 .12 .01	.05	.01	.01	.01 .03 .02	.07	.01 .21 .03 .04	.03	.04 .09 .04 .06	1
ENTRAL CITY WATER WKS JINTON JUSTANTINE JUSTANTINE JUSTANTINE JUSTANTON JUST	.05	.05	.07	.09	.14	.02	.03	.03	.12	.04	.03	.01	.02	.97 .01 .01	.02	.02	.05	.07	.03 .02 .01 .10	.07	.04	.03	.07	.05	1
NDEE BARRETTS FORD BR MONTON EMINGSBURG POST OFF RDS FERRY DAM 50 ANKLIN WATER WORKS ST LOCK 3	.01	.04	.04	.01	.03	.11	.10 .02 .02 .10	.08	.10 .01 .01 .05	.08 .01 .03 .07	.07	.03	.07	.05	.02	.12	.06	.07 .10 .04 .01 .01	.07 .13 .05 .03	.06	.02	.09	.08	.02	1
ST LOCK 3 LEYS MILL IDELBERG LOCK 14 RHDON RDON NTUCKY DAM XINGTON WB AIRPORT	.10	.09	.08	.08 .01 .08	.08 .04 .06 .01	.08 .02 .12 .02 .01	.12 .07 .02	.09	.05	.03 .05	.10 .06 .01 .02	.07	.03	.01	.03 .02 .05 .07	.08 .03 .10	.06	.01	.02	.01	.03	.01	.01	.14 .01 .11	1 1 1
BERTY TILE BICKMAN LOCK 8 // GLICK 1 S TOON 3 SW			.01	.01	.05 .04 .03 .07	.03 .01 .03									. 04	.01	. 06	.08	. 07	.03 .09 .04 .01	.05 .12 .06 .02 .02 .07 .10	.12 .14 .08 .11 .03	.14 .14 .13 .09 .07	.05 .16 .04 .11	
IISVILLE BOWMAN FLD IISVILLE WB AP IISVILLE WB CITY AS IISONVILLE 1 SE ISVILLE DAN 33 ENNEYSBURG  //	. 08	. 09	.01	.02	.10	.01	.03 .04 .07 .12	.02 .03 .02 .05 .03 .01	.12 .11 .11 .01	.04 .04 .06 .01	.01	.04	.03	.05	.04	.06 .12 .10 .12 .01	.07	.03	.06	.06 .08 .01 .04	.05	.13 .10 .11 .08 .02	.10 .10 .13 .09 .01	.15 .17 .14 .07	1 1 1
DLESBORO RR STA LLERSBURG LEHEAD STATE COLLEGE FORDVILLE VE BILL 1 NW	.02	.07	.06	.01	.03	.01	.01 .01 .03	.10	.03	.01	.04	.01	. 04	.03	.08	.15	.18	.16	.01	.02	.01	.03	.14	.14 .01 .06 .01	1
NSBORO DAW 46 WUCAH CAA AP 6 WCAB SCS NURSERY SEV LOCK 2 SIEVILLE WATER WORES MARY THEFIELD 4 S	.11	.04	. 06	.09	.11 .06	.09 .09 .03	.55 .04 .10 .02	.02 .09 .03 .01	.01 .04	* .03 .01 .01	.04	.02	.15	.03	.01	.01 .02	.01 .08	.01	.04	.04	.01	.02 .07 .12 .09	.02 .10 .09	.01 .05 .08	
MERSET HIWAY DEPT EARNS FHAM SPRINGS MPKINSVILLE LONTOWN DAM 49 // LP CREEK DAM	. 02	. 04	. 04	.08 .01 .01 .07	.02	. 01 . 01 . 10	. 02	.01	.03	. 02		.01	. 03	,08	.10	.18	.17 .01 .11	.02 .04 .14 .02 .14	.07 .05 .08 .10 .03 .19	.13 .09 .07 .01 .02 .10	.08 .15 .10 .06 .01	.20 .15 .13 .09 .02	.12 .13 .12 .08	.08 .13 .09 .07	1 1 1 1
DISON DAM 45 //	.01	.02	. 02	.03	.01	. 03	. 09	.12	.08	.07	.02	.05 <b>-</b> 7		,08	.01	.05	.00	.00	.01	.0%			.02	.02	
BOURVILLE TTER BARLAN WATER WES LEA COLLEGE LING GREEN WH AP	.08 .13 .04 .01	.09 .22 .08 .01	.11 .19 .06 .01	.03	. 06 .12 .09 .02	.12	.17 .11 .08	.13	.09 .21 .10 .01	.01 .04 .10 .01	.01		.01	.01	.01	.01							•		
TRAL CITY WATER WES ISTANTINE IBIN CAA AP 6 'VINGTON WB AP 'ELLA	.05	.05 .24 .03	.04	.03 * .07 .01	* .08 .07	* .08	* .08 .07	.12 .13 .21	* .03 .24	.01 .25	* .01 .30	.12	.03	.18						.03					
IDEE BARRETTS FORD BE MONTON MINOSBURG POST OFF RDS FERRY DAM 50 NELLIN WATER WORKS ST LOCK 3	.02	.07	.03	.03	.07	.07	.01	.10	.01	.02 .05 .02	.01	.01	.01							.01			0.7		1
ST LOCE 3 ZARD // IDELBERG LOCE 14 DEENVILLE NAT PARE WEINS KINGTON WB AIRPORT	.10	.03	.08	.05	.07	.11	.16	.03 .70 .08	.02	.07 .21 .01	.01	.02	.13	.15	.13	.08	.14	.09	.13	.10	. 04	.01	.01		1
BERTY TILE BICKMAN LOCK 8 // TILE BICKMAN LOCK 8 // BLICK 1 S NDON 3 SW UISYILLE BOWMAN FLD UISYILLE WB AP	.13 .14 .08 .05	.08 .07 .04 .05	.08 .04 .02 .03	.06 .04 .05 .08	.08 .10 .13 .08 .02	.17 .08 .10 .14	.05 .08 .12 .10	.06 .12 .07	.02 .07 .02 .01	.03		.01						. 01							
UISVILLE WB AP UISVILLE WB CITY CAS TSVILLE DAM 33 // KINNEYSBURG // DDLESBORO RR STA	.09 .09 .03 .07	.07 .09 .03 .07	.01 .09 .04 .05	.01 .06 .03 .02 .06	.01	.01	.04	.02 .15 .06	.01	.01 .01 .08	.11	.01					. 01								1

See reference notes following Station Index. - 198 -

						A M	Hou	endir	ıg									P M	Hou	endin	Q					3
Station		X.	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	(0)	il.	12	Total
WILLERSDUNG WORRELAND STAYE COLLECT WORRELAND STAYE COLLECT WORRELOND STAYE COLLECT WORRELOND CAME AS WORRELOND CAME AS WORRELOND CAME AS WORRELY WORRELOND CAME AS WORRELY WORRELOND CAME AS WORRELY WORRELOND CAME AS WORRELOND CA		05 03 01 01 07 10 12 15 12 12 05	07 .07 11 01 09 12 13 07 15 04 .03	* 07 06 18 09 05 07 07 04 01 05	11 01 02 05 * 09 10 09 09 05 06 07 .07	12 07 .01 .08 07 .06 12 01 .08 .07 01	11 .06 .06 .04 * 09 .04 .08 .06 .13 .11 .05	12 .18 13 .03 * 10 .05 .06 .11 .07 .05	.04 13 .02 .15 01 11 ** 07 .08 .04 .05	.05 10 .08 .01 .29 * 08 .19 .02 .02	02 .11 07 .02 26 .01	.01 .01 .04 .01 .15	01, .01 .02 *01	. o1		. 03		.01								77 86 03 86 04 01 1 02 06 72 54 .88 65 77 .87 .47 .17 .03 .38
ADOLPHUS 1 N BOWLING GREEN WB AP DOVELLA EDMONTO HERRIDON KENTUCKY DAW MADJSONVILLE I SE MUNFORDVILLE RUMSEY LOCK 2 TOMPKINSVILLE			.01	.01	,04	. 01	.01	. 02		.01	.02 .01 .01 .04 .01	.01 .02 .01	.01	.04 h-	. 01	.01		.01	.01							.07 .03 .11 .01 .07 .04 .02 .05 .10
CARROLLTON LOCK 1 GRST LOCK 3 GRAN LOCK 3 GRANN MA HIPPORT LIBERTY LIBERTY LITTLE HICKMAN LOCK 6 LOUISVILLE DOWNAN PLD LOUISVILLE BOWAN PLD LOUISVILLE SOWNAN PLD LOUISVILLE SOWNAN PLD SADISVILLE WATER WORKS ST MARY LOCK SATIRIFIED HYAY GOPT STEARNS TATHAN SPRIMGS NOLF CREEK DAM										-	-	.01	.01	-	-	-	-	-	. 01	.01	.01	.01	.01	.01 .02 * .01 .01 .03 .02	.02 .01 .01 .01 .01 .02 .01 .01	.05 .06 -02 .01 .03 * .02 .02 .04 .04 .01
ADOLPHUS 1 N BARBOURYLLE BACTER GOLLAGE CARROLLTON LOCK 1 CORBIN CAA AP COURNEYON TO AP ENOUNTON ENOUN	6	.01 .01 .02 .03 .01	.01 .02 .02 .01 .02 .02	.022.01	.01 .04 .01 .01 .01	.01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.01 .01 .01 .01 .01 .01 .01	.01 * .01 .03 * * .02 .02 .01 *	.01 .02 .01 .01 .01 .01 .01	.01 * .01 .01 .01 .01 .01	.01 * .01 .01 .01 .01 .01 .01 .01 .01	.01 .01 .02 .02	-1C .01 .01 .01 .01 .01 .01 .01	.01 .01	.01	.022.01	.01	.01	.01	.01	.01	.01 .01 .01	.01	* .01	.01	.05 .05 .05 .06 .05 .06 .05 .00 .02 .03 .04 .06 .07 .06 .07 .06 .07 .09 .03 .03 .04 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05
CONSTANTINE COMBIN CAA AP COVINGTON WB AP DAVELLA OUNDEE BARRETTS FORD BR PORGOS FERRY DAM SO FRANKLIN WATER WORKS BALEYS MILL HEIDELBERG LOCK 14 HERNDON HODGENVLLE NAT PARK ENTUCKY DAM	() 6	.01	.01	.01	.01	.01	.01	.01	.01	.01	*	*	.01	.01	.01 .02	* .01 * .01 .01 .02	.01	.01	.01 .01 .01 .01	.01	.01 .02 .01 .01 .01 .01	* .01  * .01  * .02 .01  .01 .02 .01 .01 .01	.01	* .01 * .01 .01 * .01 .01 .01 .01 .01 .01 .01	.01	.06 .10 .03 .07 .011 .02 .01 .04 .08 .06 .03 .09 .04 .05 .02 .03 .03 .03 .02 .02 .07 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03

MC KINNEYSBURG MC KINNEYSBURG MC KINNEYSBURG MOREREAD STATE COLLEGE MOREREAD STATE COLLEGE MOREREAD STATE COLLEGE MOREREAD STATE COLLEGE MOREREAD STATE COLLEGE MOREREAD STATE STANDAY MOREREAD STATE STANDAY MOREREAD STATE WORK MOREREAD STATE COLLEGE MOREREAD STATE COLLEGE MOREREAD STATE COLLEGE MOREREAD STATE COLLEGE MOREREAD STATE COLLEGE MOREREAD STATE COLLEGE MOREREAD STATE COLLEGE MOREREAD STATE COLLEGE MOREREAD STATE COLLEGE MOREREAD SCS MURSERY MOREREAD SCS MU		01	.01	.01	01	*	6 *	* .02	*	*	*	* * . 02	* * ,01	· .01 .04 .02	.02	.03	*	* .01	. 01	* .02	.12	9	10	11	12
WORKERAD STATE COLLEGE  WORKENGORD OM 46  PADUCAS SC NUTSERY  G ADUCAS S			*	.01	01				*			* . 02	* ,01	.04	. 01	.03		.01	. 01	. 02					
ALVERSYLLE SOMERSET BIWAY DEPT SOMERSET BIWAY DEPT STARNS BERNOS FORDER IN SOMERSET BIWAY DEPT STARNS BERNOS FORDER IN SOMERSET BIWAY GOODBURY LOCK 4  ADOLPHUS I N ARROUNTUR LOCK 4  ADOLPHUS I N ARROUNTULLE SERIAL COLLEGE DOWLING GREEN WA AP EVERLAL CITY WATER WAS EVERLAL CITY WATER WAS FORDER JOHN SO FORDER JOHN S FORDER JOHN SO FORDER JOHN SO FORDER JOHN SO FORDER JOHN SO FORD			*	.01	01				*	٠	•	. 02	* ,01	.04				.01	. 01	. 02	. 02				
OMERSET BINAT DEFT ATAMA SPRINGS OMPKINSYILLE SOMPKINSYILLE	02	.01					. 02	01				. 01	.01	. 02			. 01		. 01	. 01					
THAM SPRINGS  ITAM SPRINGS  INCOMENT AND MA 49  LU CREEK DAM  OOLPRES 1 N  REDURY LLLE  REA COLLEGE BA  REA COLLEGE BA  NETABLITE  REA COLLEGE BA  NETABLITE  ONDER BARRETTS FORD BR  MONTON  DOES BARRETTS FORD BR  MONTON  ARKLIN WATER WORS  LEYS WILL  DOEN'S LLE BARTARK  DOEN'S LEARLY WORS  LEYS WILL  DOEN'S LEARLY WORS  LEYS WILL  DEST TILE BLE BOWMAN ILD  USYLLEW BR  LOUSYLLE ALT PARK  DISTILLE BOWMAN ILD  USYLLEW BR  TO STANDARD BR  TO STAN		02	.01						*	٠		*	*	*	*		.10	.01	. 01	.01	.01	. 01	.01 .01	.01	. 01
OLPBUS 1 N ROURY LLLE  NO COLEGE WAS  NOT COLLEGE WAS  WALNES OR STATE WAS  NETASTINE  WALNES OR STATE WAS  NETASTINE  WAS  WAS  WAS  WAS  WAS  WAS  WAS  WA		02	٠	*		*	•		*	*	*	٠	. 01	. 01	.01	•	*	*	.01	.01	.02	.01	. 01	.01	. 03
REOURN LLE  WING COLLEGE BY AP  WING GREEN BY AP  WING GREEN BY  WING GREEN BY  WING WING WING  WING WING WING  WING WING  WING WING  WING WING  WING WING  WING WING  WING WING  WING WING  WING WING  WING		02				•	*	*	*	*	.11	*	-12	•	.01		*	. 01	.01	.01	.01	.03	. 01	*	. 01
BRIN'LA AND SOURCE ARRESTS FORD BR MONTON SURVEY BY AND SO SOURCE ARRESTS FORD BR MONTON SURVEY BY AND SOURCE		02			.01								.02	.01	.01										
BRIN'LA AND SOURCE ARRESTS FORD BR MONTON SURVEY BY AND SO SOURCE ARRESTS FORD BR MONTON SURVEY BY AND SOURCE			•	.01	.02	.01	•		. 07	. 01		. 01													
RES FERRY DAM SO NANLIN WATER WORKS LEYS MILL DODONYILLE MAT PARK WILL SIEVE MAT PARK WILL SIEVE MAT PARK WILL SIEVE BORMAN FLD USVILLE BORMAN FLD USVILLE BORMAN FLD USVILLE BORMAN FLD USVILLE SE SYVILLE BORMAN FLD DISONYILLE 1 SE SYVILLE DAM 33 DLESBORO RR STA ERRAD STATE COLLEGE			. 03							*					.02			.07	.01						
LEYS MILL OCENTILLE NAT PARK  WKINS  INSTITUTE BICKMAN LOCK 8  // ITSVILLE WB CITY  ISSVILLE WB CITY  ISSVILLE JAM 33  JULESBORO IR STA  DELESBORO IR STA  DELESBORO IR STA  DELESBORO IR STA	. (		.01	. 01						.01	.01							.01	. 01	.01	. 01				
WRINS PIERRY TITLE BICKMAN LOCK 8  // UISVILLE BOWMAN FLD UISVILLE WE CITY CAS  STORY STORY STORY LIE DAM 33  // DIESEMO RR STA MERERO STAFE COLLEGE		01 01	.03 .02 .01	.01	. 01	.01																			
DISONVILLE 1 SE YSVILLE DAM 33 DDLESBORO RR STA REBEAD STATE COLLEGE NEORDYLLE		02 01 01	.01	.01	. 01	. 02							.01	. 01											
REBEAD STATE COLLEGE	. (	01 01				.01								.01								.09			
DUCAB SCS NURSERY			. 01									. 01	.02	.01		.01									
MSEY LOCK 2 MERSET BIWAY DEPT EARNS MPKINSVILLE			.01		. 01	. 01	. 01	.01						. 01											
EARNS MPKINSVILLE IONTOWN DAM 49 LF CREEK DAM ODBURY LOCK 4		01 01		.01 .01 *	*	. 01	*	. 02		. 01	.01		.01												
				.01	.01								-13	th-											
VINGTON WB AP REHEAD STATE COLLEGE NFORDVILLE IVE HILL 1 NW											.03	.02	.01 .01 .02	.02	.01										
												-	-141	h-											
VINGTON WB AP EMINGSBURG POST OFF									.01				.01 -15	ı.L				.01							.01
OLPHUS 1 N // XTER HARLAN WATER WKS										.07	. 03	. 01	.08		.01			. 01		.01					
DIPHUS I N  WTER HARLIAN WATER WKS  REA COLLEGE  WIING GREEN WB AP  RROLLTON LOCK 1 //  RBIN CAA AP 6					. 01	. 01	.01		.01	*	*		. 01		.02									.01	. 02
VINGTON WB AP VELLA EMINGSBURG POST OFF ST LOCK 3 IDELBERG LOCK 14 //	.0	01		. 01	. 01	01	. 05	01	. 06	.02 .05	.01	. 04	.06	.03		. 01		. 01							
IDELBERG LOCK 14 // NKINS									. 07	-	-		.02	.06	.02	-	-	.05	- 1	-	-	-	-	-	- 1
NKINS XINOTON WB AIRPORT BERTY TITLE BICKMAN LOCK 8 JLICK 1 S NOON 3 SW YSVILLE DAM 33 KINNEYSBURG LLEESBURG							.04	. 04	.01	.07	.03	.01	.01												
YSVILLE DAM 33 // KINNEYSBURG // LLERSBURG REHEAD STATE COLLEGE								.12	.17 .03 .01	. 05 . 02 . 07 . 08	.01	.01													
REHEAD STATE COLLEGE IVE BILL 1 NW KEVILLE VYERSVILLE ITHFIELD 4 S	.0	01	. 02						.06	.15	.04	.03	.07	.05	.01										
ITHFIELD 4 S MERSET BIWAY DEPT THAM SPRINGS							.03	.01	.01	•	.04														
RROLLTON LOCK 1 //	. (	01		. 01									-16t												
VINGTON WB AP											.01	-	-17t	h-											
XTER HARLAN WATER WKS													10	1											
REA COLLEGE  (REOLLTON LOCK 1 // REBIN CAA AP 6  VINGTON WB AP  (VELLA STST LOCK 3												-	-19t	h-					01			.04	.01	.01	.01

otee following Station :

KENTUCKY DECEMBER 1950

						A M	Hour	endin	g									P N	4 Hou	r endi	ng					3
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Tot
LITTLE BICKMAN LOCK 8 LOGLICK I S ROUISVILLE BOWMAN FLO LOUISVILLE WB AP LOUISVILLE WB CITY MAYSVILLE DAM 33 MILERSBURG MORENEAO STATE COLLECE																01 01	.04	.04	.02	.01 03 .01 .02	.01	.01	01	01 04 01 01	01 01 .01 .01 01	03 05 04 14 10 03 02 01
OLIVE BILL I NO ST MARY SALVERSVILLE SMITHFIELD 4 S STEARNS TATHAM SPRINGS													-20	th-	. 09		.02 .01 02	02 02 .02	.01 .02 01	.01	.01	. 02	.01	01	191	02 07 09 09 02 .07
BAXTER HARLAN WATER WKS CORBIN CAA AP COVINGTON WB AP FLEM INGSBUNG POST OFF GEST LOCK 3 JENKINS MAYSVILLE DAM 33 MILLERSBURG	6	.01 .01 .03	.01	.01	.01	.01		. 01	.01	.01	.02		20		.01	. 01										02 .01 .05 .06 .07
MILLERSBURG MOREREAD STATE COLLEGE OLIVE BILL 1 NW PIKEVILLE ST MARY SMITHFIELD 4 S TATHAM SPRINGS		.01	.02 .01 .01 .01	.01 .01 .01	.01	.02		.01	. 01				-22	2d-												.05 .06 .07 .06 .05 .03 .04 .05 .02 .02
HEIDELBERG LOCK 14			-	-	-	-			-			-	- -25	th-												-
COVINGTON WB AP														8th-		. 01	.01									.02
ADOLPRUS 1 N BARBOURVILLE BAXTER HARLAN WATER WKS BEREA COLLEGE BOWLING GREEN WB AP													20								.02	. 02	.06	.06	.07 .08 .01	.02 .21 .23 .07
CORBIN CAA AP DAVELLA EOMONTON HAZARD HEIOELBERG LOCK 14	6	-					-						_	-	-	-		-	-	-	. 03	.03	.01	.01 .01 .07 .09	.02 .06 .05	.03
JENKINS LIBERTY LONDON 3 SW MIOOLESBORO RR STA OLIVE BILL 1 NW PIKEVILLE																					. 01	.01	.06	.08	.01 .02 .04 .01 .03	.09 .01 .17 .19 .01 .03 .02 .16
SALYERSVILLE SOMERSET BIWAY OEPT STEARNS TOMPKINSVILLE WOLF CREEK DAM													00								. 04	.04	.08	.03	.01	.16
ADOLPBUS 1 N BARBOURVILLE BAXTER HARLAN WATER WKS BEREA COLLEGE		.04	. 01	. 01	. 02	.01	.01	. 01	. 01	. 01	.01	. 01	-29	th-	•											.01 .08 .11 .02
BOWLING GREEN WB AP CORBIN CAA AP DAYELLA EDMONTON HAZARO HEIDELBERG LOCK 14	6	.06	.01	.01	.01	.01	.01	. 02	.07	.01	. 01															.17 .03 .13 .05
JENKINS LIBERTY LONDON 3 SW MAYSVILLE DAM 33 WIODLESBORO RR STA MOREHEAO STATE COLLEGE		.02		.02	.01	.01	. 02	.03	. 02	. 01																.21 .04 .05 .02 .10
OLIVE BILL 1 NW PIKEVILLE SALYERSVILLE SOMERSET BIWAY DEPT STEARNS WOLF CREEK OAM		.03	.01	.01 .04 .01 .01	.01 .01 .01 .01			. 02	.02	.01	. 01	. 01		.04	.01		. 01	. 01	. 01							.09 .22 .31 .04 .08
SAD1EVILLE WATER WORKS		-	-	-	-	-	-	-	-	-	-	-	<b>-</b> 31	lst-	-	-	-	-	-	-	-	-	-	-		-
				_																						

Table 5			_	_	_							- 1			-	11,											v van. 10				DECE	MBER	1950
Station																	of mo			_													erage
		1	2	3	4	5	6	7	8	9	10		12	13	-	15	16	17	18	-	-	-		-	24	-			-			31	4
ANCHORAGE ASHLAND DAM 2	MAX	39 23 48	71 38 70	64 32 64	40 20 50	26	45 37 55	48 15	34 13	10	35 24 43	29 17 30	31 16	35 25 37	45 31	40 22	13	12	25 8 26	30 8	29 12 30	34 8	50 32 52	59 18 59	49 30 59	34 17	46 18 53	30	10	20	24	15	40.5
BARBOURVILLE	MAX	25	34	46	32	40 30	27	25	14	45	23	27	30 24	16	46 31	29	24	43 17	19	18:	18	22	30	24	40	21	23	25 7	11	42 27	43 29	43 26	44.1 24.3
	MIN	20	32	50	52 29	31	29	26	35 14	28	26	30 23	31 24	33 27	31	27	13	24	11	8	33 25	46 17	32	20	33	45 18	30	35 16	15	43 33	36	43 25	45.0 24.9
BARDSTOWN S J PREP SCH	MAX	46 24	70 37	69 35	40 21	20	49 38	49 16	34 12	14	39 23	19	19	35 18	46 32	31	35 15	33	9	8	30 16	35	33	59 22	59 43	45 20	51 18	30	12	27	47 26	15	43.2 21.1
SEAVER DAM	MAX	51 24	71 50	65 34	24	41 32	43 36	43 14	13	15	23	26 12	31 20	37 26	31	42 26	33 15	29 18	9	29 8	28 19	11	51 33	60 24	52 27	42 21	51 22	30 10	41 10	48 25	37 25	14	41.6 21.6
SENHAM	MAX	39 19	21	38	43 29	43 26	56 29	57 36	40 18	30 19	33 20	35 19	26 17	28	31 25	46 28	42 12	34 19	17	26 9	32 9	31 14	12	45 26	40 25	42 16	55 18	55 15	35 15	45 16	46 35	40 28	39.9 21.0
SEREA COLLEGE	HAX	44 26	67 44	61 31	37 26	47 26	56 37	49 16	33	18	33 21	28 22	26 21	33 24	41 30	40 21	37 16	29 19	27 17	32 14	28 14	39 16	30	58 26	50 27	41 21	51 21	29	18	42 33	44 31	37 21	40.9 22.7
BOWLING GREEN WB AP	MAX	60 28	70 58	63 29	42 24	44 32	23	23 15	32 14	38 17	30 23	25 17	33 20	36 26	49 26	42 21	37 17	30 17	30 11	30 11	33 17	41 15	52 29	59 26	50 25	46 23	50 17	32 12	42 16	43 31	36 23	45 17	41.5
SURGIN DIX DAM	MAX	45 25	69 36	66 33	41 25	42 27	53 36	55 17	30 10	40 13	38 23	30 20	30 18	33 20	41 31	42 33	37 15	35 15	30 10	33 11	30 18	37 18	49 34	59 23	56 39	40 18	51 22	30	45 16	44 32	44 32	40 16	42.4 22.3
CAMPBELLSVILLE	MAX	47 23	69 38	64 32	44 22	47 29	53 37	48 16	32 11	40 13	43 21	34 19	34 18	39 20	44 29	47 25	40 15	42 16	34	37 9	37 22	38 14	48 33	58 26	58 36	48 20	53 21	35 7	44 14	46 30	49 31	44 17	45.0 21.7
CORSIN CAA AP	MAX	53 20	69 36	62 33	40 27	49 29	56 29	48 15	32 12	42 21	33 22	29 23	30 23	33 25	46 28	39 17	40 12	30 14	27 9	32 8	30 23	44 17	46 33	60 25	53 24	50 19	55 21	32 14	44 13	39	43 32	41 20	42.8 21.8
COVINGTON W B AIRPORT	MAX	40 27	65 40	59 28	36 22	36 25	46 35	45 14	28 15	34 16	29 24	29 19	28 15	31 24	35 26	36 15	27 11	24 7	26 6	27 8	29 18	34 16	42 24	50 20	45 21	24 17	25 8	24 3	37 8	42 21	37 22	38 14	35.7 18.4
DANVILLE	MAX	47 25	58 26	69 53	54 25	42 25	43 30	55 20	25 9	33 11	42 20	28 21	30 21	30 21	34 26	43 32	41 17	39 16	26 11	29 12	33 14	30 17	38 20	48 27	59 33	51 21	53 24	50 7	31 9	44 16	43 34	43 18	41.6 21.3
FARMERS	MAX	42 20	67 32	66 42	45 29	43 25	54 31	54 21	32 6	36 13	36 22	30 23	29 13	34 11	41 31	44 29	36 19	35 16	29 15	33 17	31 19	38 17	47 31	57 20	56 41	43 20	51 24	26 8	44 12	45 29	44 30	39 23	42.2 22.2
FORDS PERRY DAM 50	MAX	57 30	72 55	67 33	40 25	40 33	40 19	20	34 14	41 19	38 24	28 19	31 25	41 29	44 32	42 29	33 18	29 18	25 10	34	35 17	37 19	52 35	60 28	52 35	52 28	54 25	28 14	38 12	48 27	37 24	48 18	41.8 23.8
FRANKFORT LOCK 4	MAX	45 26	55 25	70 52	55 26	42 23	42	48 20	33 12	31 14	39 14	28 22	31 18	34 20	35 27	44 24	41 15	36 14	28 10	31 9	32 10	31 21	41 22	51 21	58 21	54 19	50 19	52	30 7	42 10	48	44	42.0 19.3
GRAYSON	MAX	42	68	64 39	40 31	43 25	55 26	55 24	32 10	42 15	33 22	32 26	32 21	34 14	42 30	42 30	38 23	35 17	29 13	33 20	34 20	40 22	47 30	57 22	53 34	39 21	51 22	26	43	45 27	44 33	39 23	42.2 22.9
GREENSSURG	MAX	50	62	70 53	53	40	46 32	55	25 10	34 12	41	28 21	30 20	31 21	35 29	45	41	38	30 10	31 9	33 10	31 15	41 16	50 22	59	50	51 26	51 10	31 10	45 15	44	39 12	42.3 19.9
GREENVILLE 2 W	MAX	54	71 45	65 35	40	39	43	33	32 13	40 15	39	24 11	28 23	40 27	50 28	50 28	35 14	29	25	28	30	37	54 35	62.	58	49	52	30	42	50	45	45 14	42.5
HEIDELBERG LOCK 14	MAX	41 21	68	64 42	42	45 28	56 30	56 25	31	41	35 26	32 25	30 24	33	43 32	42 31	41	37	27 10	33 15	30 23	40	47 30	58 20	56 32	44	53 24	30 13	45 16	42 32	45 35	42 25	42.9
HENDERSON 4 SW	MAX	50 28	72 48	67 32	40	38 32	40 26	26 10	30	40	38	27 15	32	40 27	49	40 26	32 16	28 15	27	29 12	30 16	36 15	53 36	58 27	50 29	39 24	52 23	29	39	49 25	40 21	44 16	40.8 21.6
HICKMAN	MAX	38	60	37	28	34	19	11	14	23	20	22	23	31	34	31	26	17	13	18	20	24	37	36			28	14	14	30	28		26,3
HINDMAN SETTLEMENT SCH	MAX	43	56 22	65	63 30	35	45	55	49	33	39	30	28	30	33	43	42	35	27 17	25	29 18	29	40	40	52		53	55	29	43	41 35	43 25	41.0 21.8
HOPKINSVILLE 2 E	MAX	67	72	61	44	38	44	28	33	43	37	28	31 20	42 25	52 25	45	39 15	31	29	34	34	41 15	55 19	61 25	53	57	50	34	44	50	48	47	44.3
IRVINGTON	MIN	31 45	42 71	40 64 33	24 1 43 20	28 39	28 43 36	13 43	33	39 17	28 37 23	26	30	37	49	42	34	28	31	28	28	34	53	59 25	59	38	49	27	43	48 24	39 24	43	41.4
LEITCHFIELD	MAX	25 44	70 43	66	39 22	30	42	14 43	15 33	17 40 18	23 34 22	13 28	19 29 18	25 35 20	30 50 30	21 43 29	14 34 14	30	28	29	23 28 24	13 35	33 52	59 27	29 53 36	21 41	22 40 22	29	42	45 27	37	43 16	40.7
LEXINGTON W8 AIRPORT	MAX	25 45	65	33 59	38	31 41	37 51	15 46	14	37	31 23	28	28	32	38 31	39	33 15	19	27	31	28 20	16 36 19	32 46	55 22	36 47 23	31	47	8 26 6	13 41 13	43 32	25 42 23	38 16	22.2 38.7 20.6
LOUISVILLE STAN W 8 AP	MIN	27 47	45 70	60	25 40	40	36 46	10 35	7 32	19 39	28	19	19 29	24 35 27	48	19	32	12 25	11 28	12	28	39	25 50	58 22	49	18 34	11 48 14	29	39	32 46 25	23 38 24	16 41 17	39.7 21.3
LOUISVILLE WS CITY	MAX	26 46 33	47 70 46	29 62 29	25 38	30 40	35 46	15 43	16 31	38	23 29	18 27	20	27 34 27	33 46	20 42	18	14 24 13	27	11 28	18 27	11 39	50	57	26 50	33	49	28	39	25 46 31	38	17 40 21	39.6
LOVELACEVILLE	MIN	33 67	46 73	29 68	25	31	39	15	18	23	23	18 28	22 34	42	33 51	43	18	30	13	15 37	33 22	19	32 55	28 62	27 52	24 57	13	10 31	15 39	31 49 24	26 41	49	23.5 43.6 23.2
MADISONVILLE 1 SE	MIN	34 53	59	30 67	42 20 43	33 40	19	11	30	42 10 35	24 35	18	25	29 39	30 49	32	17	32	8 26 7	11 31		18	35 52	26 60	37 53	25 48	25 53	30	10 40 7		25 37 23	16 45	23.2 41.5 20.8
MAMMOTH CAVE PARK	MIN	24 50	71 42 70	34 67	43 23 39	32 43	24	28 12 45	11	35 14 39	35 22 35	15 28	32 24 30	39 28 34	49 27 47	42 27 45	34 14 35	32 17 35	29	31 8	32 16 32	37 12 37	34 52	60 23 58	53 35 54	20	53 23 50	10		47 24 48	43	45 13 43 10	20.8 42.3 19.0
MANCHESTER	MIN	21	31	31	18	50	36	14	11	11	39	15 29	18	20	47 28 45	45 29 43	11	9	4	33	32	37 9 43	52 32 47	24	54 26 53	43 17 45	50 22 55	31 7 34	42 12 45	30	23		19.0 45.0 24.2
	MIN	66	71	45	29	29	30	10	12	43 21	26	23	31 24 33	40	31	46	38	34	29	12	32 24 33	43 19 41	47 31 55	58 22 61	53 43 54	20 56	55 30 51	34 15 30	14	45	40	45 23 47	
MAYFIELD 2 S	HAX	35	71 58	35	42 22 60	32	18	10	12	18	23	16	23	28	28	31	17	21	7	12	32	18	34	32	38	28	24	12	12	29	25 45	18	43.2 23.8 39.8
MAYSVILLE DAM 33	MAX	27	52 24	37	31	35 25	27	35	10	30	12	25	22	17	26	33	17	14	12	18	20	20	24	18	18	22	20 57	8	8	28	27	23	21.3
MIDDLESBORO	MAX	43 21	63 36	6I 49	59 30	51 28	56 38	53 28	35 15	39 29	38 27	30 24	31 22	33 27	45 26	46 29	43 15	39 26	30 11	34	33 26	16	31	54 19	33	20	36	15	18	33	37	43 26	44.2 25.8
MOUNT STERLING	MAX	40 27	65 37	63 37	41 27	43 27	53 34	52 19	30	38	34 23	30 21	29 12	33 24	39	40 28	35 12	34 14	29 14	32 18	31 20	37 22	31	55 23	58 38	45 19	50 24	30	11	33	33	21	41.3
WURRAY	MVX	66 30	73 59	67 35	44 22	40 34	40 21	23 12	32 12	42 18	38 25	27 16	33 24	43 30	54 30	42 31	39 17	36 25	31 8	37	34 19	41 18	56 34	62 26	55 40	59 26	54 26	31 13	11	51 33	46 27	17	44.7
OWENSBORO	MAX	48 28	72 45	67 33	40 23	39 32	42 32	32 11	32 13	39 16	37 23	25 15	29 22	37 26	49 29	40 28	30 16	26 13	26 8	28 10	28 19	34 14	52 32	59 24	49 32	40 22	47 24	32 10	11	48 25	39 23	16	40.4

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PADUCAH CAA AP	MAX	65 35	57	57 29	43 24	40	36 13	17 11	31 11	40 14	31 19	27 22	32 25	41 30	50 29	42	34 19	2H 15	26 10	36 14	13	42 20	53 31	81 31	51 28	56 30	51 15	29 12	39 10	46 27			41 7 22 5
PADUCAR	MAX MIN	53 31	66 39	73 39	40 27	43 28	40 33	37 13	21 14	32 15	42 15	29 21	27 22	35 27	43 32	51 29	42	34 19	29 12	27 11	37 18	33 21	42 22	53 28	62 30	50 25	57 31	36 14	30	37 9			41 4 22 5
PIKKYILLE	MAX M1N	42 24	71 33	70 43	40 34	50 32	56 32	48 31	38 21	44 28	33 29	31 26	31 25	34 25	48 32	44 31	44	30 26	28 13	35 23	31 24	41 25	44	62 25	55 37	38 24	57 27	32 18	47 18	42			43 3 27 7
PNINCETON	MAX																							64 9	50 37	58 21	52 25	34 12	43	52 22	39 21		44.5 21.0
RICHMOND E STATE COL	MAX	43 26	67 28	61 37	53 26	36 26	43 30	54 20	27 7	30 12	37 24	27 21	28 19	32 21	34 25	40 33	40 17	35 18	25 12	25 15	30 22	28 17	40 25	45 28	58 30	48 21	48 26	50 9	27 15	42 24	41 34	42 19	39.8 22.0
RUS5ELLVILLE	WAX WIN		71 40	23	4 2 23	42 37	44 19	38 15	38 17	38 14	30	30 16	31 29	39 30	51 32	42	36 16	28 16	28 10	30 10	31 21	38 15	52 31	60 27	51 38	52 22	53 28	34 12	41 12	46 33	37 27		41.9
5T JOHN BETHLEHEM ACAD	MAX	47 22	61 31	69 53	54 31	39 22	41 34	43 34	21 9	32 12	39 13	26 15	26 15	28 17	34 26	48 31	41 15	34 15	24 8	29 7	29 9	28 13	40 12	51 21	56 25	48 18	49 25		29 7	42 15			40.2 19.3
SCOTTSVILLE	MAX MIN	35	68 43	65 33	40 22	47 35	48 39	45 16	34 13	40 18	36 23	26 18	32 23	36 23	48 28	45 30	38 13	34 18	29 9	29 8	34 18	41 14	52 36	60 29	53 38	46 21	53 27	28 13	4.2 23	44	42 28	43 15	42.8 23.9
SOMERSET 1 N	MAX MIN	40 21	66 38	61 37	41 26	47 29	58 34	53 21	30 22	40 14	34 25	30 23	31 22	33 24	45 30	41 29	39 14	35 19	29 11	32 11	32 23	43 16	47 33	59 24	52 40	42 19	53 24	32 11	44 11	41	43 36	41 18	42.4 23.8
SUMMER SHADE	MAX	51 25	68 48	61 30	38 19	47 30	53 38	53 14	34 13	32 18	42 17	32 20	35 20	35 19	54 32	43 28	46 15	30 20	29 10	30 8	31 21	40 15	49 33	57 26	50 32	45 18	51 23	30 11	43 19	42 33	37 32	41 18	42.9 22.7
VANCEBURG	MAX		68 40	63 45	46 30	41 30	52 31	51 21	35 13	40 15	35 23	31 26	30 22	33 16	42 28	40 29	39 18	35 13	29 17	34 20	32 23	40 23	48 28	57 21	50 34	43	50 22	26 7	43 10	50 29	45 30	45 26	42.5 23.8
WEST LIBERTY WATER WKS	MAX	41 27	65 24	55 40	45 41	42 30	54 30	55 38	45 17	41 18	41 21	32 20	34 21	30 23	35 26	36 30	39 18	38 22	41 20	37 21	33 20	31 17	44 18	35 24	4 0 23	41 20	50						41.2
WILLIAMSBURG			68		41 28	49 27	56 30	55 25	32 16	39 29	41 25	32	31 21	34 26	45	44	41 23	36 24	29	34	35 25	43 13	45	60	54	47	57	35	42	43	43	43	44.1

WILLIAMSTOWN

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MAX 52 64 72 57 44 50 61 28 35 46 29 30 32 38 47 42 42 35 32 34 34 44 61 60 54 52 55 36 47 43 42 45.1 MIN 26 34 56 28 32 36 24 11 24 26 26 24 26 30 28 16 28 12 11 11 18 18 27 38 20 28 15 18 25 37 20 24.9

Station																Day	of m	onth															
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	23	24	25	26	27	28	29	30	3
ASHLAND DAM 29	S NOW FALL SN ON GND	2	1						3.0	1		. 8 T	T T	T	T						.5 T	Т					.3 T	т	т				
BEAVER DAM	SNOWFALL SN ON GND							-	_	_	- T	-	- 2	_																			
BENHAM	SNOWFALL SN ON GND	T 2			_ T				T T	1.0	1.5	1.0	1.0	2			T T	T	T		1.5	.5						т				.5 T	Т
BOWLING GREEN WB AP	S NOW FALL SN ON GND						T	. 4 T	т	T T	.1 T	2.4	.2	T						T T									т				
CORBIN CAA	S NOW FALL SN ON GND	т		т				2.3	2	T	1.0	. 4 T	.2 T	T T	т					.3 T	T								т				
COVINGTON WB AIRPORT	SNOWFALL SN ON GND	T	Т	Т		Т		2.2	T 1	T 1	1.4	.1 2	T 2	.6 2	.2	T T	т	.1 T	Т	1.0 T	.4	т	T				. 4 T	T T	т	т	т		
DANVILLE	SNOWFALL SN ON GND	1	т					2.5	.5 3	2	.5	.5	.5 1	T				т			1.2	т											
FARMERS	SNOWFALL SN ON GND	1							3.0	2	1.0	.3	.3	T 2	T 1						.7 1	T											
FORDS FERRY DAM 50	SNOWFALL SN ON GND						Т	2.0	.3	1	T	T T	.5 1	T T				Т															
BEIDELBERG LOCK 14	S NOW FALL SN ON GND	T							1.0	т	1.5	2	.6 T	т							.7	Т											
BINDMAN SETTLEMENT SCR	S NOW FALL SN ON GND								T T		1	Т	2	-	_						1												
HOPKINSVILLE 2 E	S NOW FALL SN ON GND	-	-	-	-	2	-	-	-	-	-	-	1	-	-	-	- 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRVINGTON	SNOWFALL SN ON GND							1.0	T	т	.2 T	.3 T	. 2 T	т						T	т												
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND	2	т	Т				3.1	3	.5	.8	T 3	.1	22	T	Т	-	10	т	.7 T	.1 T	T T	Т					Т					
LOUISVILLE STAN WB AP	SNOWFALL SN ON GND	T -		т				1.0	т	. 2 T	T T	. 5 T	T T	r1	т			т		2.1	T 2	т						Т					
MAMMOTB CAVE PARK	SNOWFALL SN ON GND						т	.6 1	т	Т	1.1	í7	.8 1	T T						T T													
MAYSVILLE DAM 33	SNOWFALL SN ON GND	4	4						3	2	3	2	2	1	1						1.5	1											
MIDDLESBORO	SNOWFALL SN ON GND	-	-	=	-	-	-	-	-	-	=	=	=	=	= .	=	-	-	_=	-	T	-	Ξ	-	-	-	=	-	-	-	-	-	-
MURRAY	SNOWFALL SN ON GND					Т	T	T	T T	T T	T	T T	T T																				
OWENSBORO .	SNOWFALL SN ON GND	т					Т	.5 T	т	т	.3 T	т	2.0	2	т					т													
PADUCAH CAA	SNOWFALL SN ON GND						1.8	T 2	1	1	T	1.0	T 2					Т															
PIKEVILLE	SNOW FALL SN ON GND	1									_ T	- T	T							т	-												
ST JOBN BETHLEHEM ACAD	SNOWFALL SN ON GND							Т	.1 T				.6	_							T												
SCOTTSVILLE	S NOW FALL SN ON GND							2.0	т	т	. 5 T	.6	2.0	т						т													
WILLIAMSTOWN	SNOWFALL SN ON GND	-	-	_	-	~	-	2.5	-	-	-	-	-	-	=	-	-	~	-	-	-	-	-	_	_	-	-	-	-	-	-	-	-
WOLF CREEK DAM	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

## CORRECTIONS

MONTH: JUNE 1950

Table 2:

Louisville WB City

Table 3

Hazard

Table 5:

Louisville WB City

Average temperature 73.5; departure -1.2; highest temperature 92 on 26th; lowest temperature 20 on 4th; mumber of 20 on 4th; mumber of 20 on 4th; mumber of 20 on 4th; mumber of 20 on 20

Delete amount shown on the 1st. Monthly total should be 6.64.

Daily maximum temperatures are as follows: 76, 77, 72, 70, 80, 81, 85, 84, 81, 82, 77, 80, 80, 80, 88, 91, 75, 88, 84, 78, 83, 85, 88, 90, 92, 82, 78, 77, 79. Average Daily Maintenance are as follows: 61, 60, 59, 52, 55, 60, 65, 68, 70, 71, 61, 60, 62, 65, 67, 70, 73, 76, 73, 77, 64, 39, 65, 38. Average maintains 65, 77, 64, 59, 63, 88. Average maintains 65.

CLIM	TOTA	OCICAI	I. DATA

DELAYED DATE

				Tempe	rature				-7					Precipitatio	0				
								No c	days					Snov	r, Slowt, Hz	11	No	day	
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32* or balow	Total	Departure from norma	Greatest day	Date	Total	Max depth on ground at oben	Date	Ol or more	25 or more	1 00 or
IANUARY 1950 VINGTON WB AIRPORT	41.4		74	25	17	20		0	21	9.43		1 41	26	1.9	1	30	20	13	2
PHERDSVILLE 2 NW	40.6		85	1	- 3	24		0	19			1.38	20						

## DAILY PRECIPITATION

KENTUCKY DELAYED DATA

Station																Da	y of n	onth															3	
Station	1	1 2	2	3	4	5	6	7	8	9	10	11	12	13	14	I5	16	17	18	18	20	21	22	23	24	25	26	27	26	25	30	31	0	
JANUARY 1950																																		
COVINGTON WE AIRPORT	. 13	3, .	45	.59	.65	.63	1.40	T		. 05	.65		26	. 75	T	.87		.02	.01			T	.01	. 24	. 39		1.41	T	T	. 52	. 34	. 06	9.43	
AUGUST 1950																																		
JENKINS WATER WORKS			23														1.90	.10	.09		.04						.08				.75		3,19	1
OCTOSER 1950																																		
TATHAM, SPRINGS																							. 28	.08									1.29	1
NOVEMBER 1950																																		
KEENE 2 N SHEDHERDSVILLE 2 NW				.11	.50	. 08			. 24	.80	.27					. 02	.10	. 02			1.25			. 17	.30		.32	. 25	T				5.03	

## DAILY TEMPERATURES

KENTUCKY

Station																Day .	of mo	nth															rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
JANUARY 1950																																	
COVINGTON WB AIRPORT	MAX	50 44	55 48				35 30		40 19	53 34		37 23							51 23								69 30		54 24		31 25		
NOVEMBER 1950																																	
SHEPHERDSVILLE 2 NW	MAX	85 54	75 52	52	44	53		72		43	39		49		65				60		65	41				18		32	35				52.3

## SNOWFALL AND SNOW ON GROUND

DELAYED DATA

Station																Day	of m	onth														
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	SNOWFALL SN ON GND				Т	.9	T	т								Т			T								Т	т			1.0 T	T T

KENTUCKY DELAYED DATA

			A. M. Hour ending													P. M. Hour ending											
	Station		2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total	
JANUARY	1950													-1ST-													
COVINGTON							*	*	.03					-151-				*	*		.09		*				
COVINGTON			.01						.01					-2D-				*			.41						
COVINCION														-3D-													
COVINGTON		*	.03	*		*	٠	*	.18	*	*	•	•	* -4TH-	.35	*	*	*		*	.02	•	*	•	*		
COVINGTON			,04	٠	٠		*		.18	*	٠	*	*	*	.19	*		*	*	*	. 28	*		•	*		
COVINGTON		*	.05						. 24					-5TH-	.23												
		*	.20						1.12					-6TH-	.16						.03						
COVINGTON		Ť	.20		ľ	•			1.12		ľ	Ť	Ť	-9TH-	.10	Ť	•				.03						
COVINGTON														-10TH-								*	*	*			
COVINGTON		٠	.08	٠	٠		*	*	.30							*					.32						
COVINGTON						*			.10					-12TH-	.14						.01						
														-I 3TH-													
COVINGTON		*	.01	*	*	*	•	*	.31	*	•	•	*	-14TH-	.05	*	*	•	*		. 24	*	•	•	*		
COVINGTON		*	.15																								
COVINGTON									. 23		*		*	-15TH-	.14			٠			. 27		۰				
			0.2											-16TH-													
COVINGTON			.23											-17TH-	-												
COVINGTON														~18TH-		•	*	*	*	•	.01	*	•	*	*		
COVINGTON			.01													٠			*	٠	.01						
COVINGTON									.01					-22D-													
														-23D-													
COVINGTON				•	•	*	*	*	.01					-24TH-		*	•	•	*	•	. 23						
COVINGTON				٠	* -	٠	*		.21	٠	*	٠	*		.18												
COVINGTON									.63		٠			-26TH-	.69				٠		.09						
														-28TH	-												
COVINGTON														-29TH	-												
COVINGTON			.01	٠	*	*	٠	*	.51					-30TH													
COVINGTON														-50111		*			*	٠	. 04	٠	*		٠		
COVINGTON			.30						.01					-31ST													
OCTOBER			,50																								
TATEAM SE	PRINGS													-22D-	.08	. 02	.01	.01	. 04	. 04	. 02	.04			.01	. 28	
														-23D-												00	
TATHAM SE	RINGS	.01	.02			. 05	5										L									, 08	

Station	Index No	County	Dramage	Latitude	Longitud	Flevation	Temp g	Precap a	Observet		to		Station	Index No	County	Dramage	Latitude	Longstud	Elevation	QH	Precap	Observet		to tables	
DDISON DAN 45 OOLPHUS 1 R LLER RY MORAGE ENCAMP	0041 0085 0155	HRBERINGIDGE ALLEN FLOTO JEFFWERGE PIEK	1 3 7 3	E 3R 7 35 E 18	86 34 EV 1E E3 43 83 33 83 26	3E0 ROO 650 700 1100	79	TA EA 7P	CORPS OF RMOINEERS IDEL! M. DRARING BABNIE AUXINE C E BARRET WART R RATUIFF	3 4 3 4 3 2 3 8	5		LOCRFORT LOCK R LOGILCE 1 N LOWING 3 NA LOUINA LOCK J LOUINYILLE MOWNAM FIRLD	4893 4893	CLARE LAURIL LAWRENCE JEFFERSON	7 2	7 De 15 OJ 18 11	84 08 84 03 84 08 82 37 85 40	120	50	H10 H10 73	CORPE OF ENGINE HELD N. NUMBER U.S. POEENT NEW BUSTER NEE CORPE OF ENGINE	V I C'E	1 4 1 4 3 4 1 4 1 4	
ESLAND DAM JR ARBOUEVILLE AMINTOWN J PREP SUN ALTER MARLAN WATER WRS EAVRE DAM	0381 0397 0450	BOYD ERGE NELSON HAELAK ON 1D	2 3 8 3 3 3	R 52 7 4E E 51	82 38 83 33 83 28 83 20 88 32	1000 E37	RP	RF:	CORPS OF EM-INEERS UNION COLLEGE ET.JOREPH PREP SCH CYRUS 6. LAYSON E. O TOUNG	2 3 4 2 3 4	5 7 5 5 8 7		LOUISVILLE STAN VB AP LOUISVILLE NO CITT LOWSLACEVILLE LUCAS	4955 4950 4967	JEFFERSON JEFFERSON JEFFERSON MAILARD HABREN	7 2 7 2 6 2 3 3 3	18 17 18 17 18 17 16 58 16 52	85 46 85 46 85 60 86 00	46 46 37	03 57 HI 70 6	D M11 P 61	U.S. WEATHER BU COMPS OF ESGING U.E. WEATHER SE P SLAIME MALONE C CCIL H. BEITT	ERR BRAU		
WARAM BATON WEEK TOLLMUE EREA WATEZ WORRS OGTON 2 54	0611 0619 0624	HARLAN MARKHALI MADISON MADISON KRLSON	9 3 4 3 4 3	8 51 7 34 7 34	82 57 88 31 84 1E 84 18 E5 42	1580 J80 1070 1100 430	8A 8P	SA NIP SP 7A SA	C. C WHITEAERR BILLIAM MALSON JAMES A GROSSMAN MEN I. B. GAFFARD MES. PAULENE CUY	2 3 3 4 2 3 4 3 3		,	MADIBORVILLE ) DE MASMETTI CAVE PARE MANCHESTEE MATTIELD SUBSTATION MATTIELD 2 B	5097	NOPEIRS RIMONSON CLAY GRAVES GMAVES	4 5	17 11 17 09	87 28 66 06 83 46 88 38 88 38	41	50 6 54 04 5	P 7	A J. M. MC COY P MATICHAI PARE E A EARL HOSARD TVA 5A P MER JOE PAYME		2 3 4 5 2 3 5 2 3 5 3 3 5	
SOMNSAITTE FOR E EMBL DWW 3E CAFING OAKEE AN TA CAFING OAKEE AND TA CAFING OAKEE	0907 0908 0978	PARTEN WARNER DARREN (AMPSELL EDMONSON	7 3 3	9 03 7 13	66 26 86 26 88 26 84 25 86 IR	538 470 535 488 410	WID	MAD	JAMES E. ROWARDS TTA ROS U.S. WEATHER BUREAU COMPS OF ENGINEERS COMPS OF ENGINEERS	3 3 2 3 4 3 3	5 7	7	RATETILE DAM 33 MC RINNETSBURG MIDDLESBORG RE REATION MIDDLESBORG RE REATION MIDDRAY 2 8	5301 5389 5394 5407	MARON PENDLETON SWLL RELL WOODFORD	2 3 4 3	36 31 36 31 36 31	83 43 84 18 83 43 83 43 84 43	111	10 28 5	PHI	R CORPS OF ENGINE O AMANDA A. AULIC D HUGN ALLEM D FRANE N TALIAFR P JOIN S. HUGENT	8	2 3 4 5 3 4 2 3 5 3 4 3	
URGIN DIR DAM URNRIDE ADIZ LOCR E AMPRELLSYILLE ARROLATON	1156 1206 1256	MERCER PULASE1 TRIGG TATLOR CAREOLL	2,2	E 59 R 46 17 20	84 43 84 37 87 58 85 21 85 10	770 705 424 777 475	6P	7A 7A EP	C. F. WILLIAMS BARAS E. LEVIS CORPS OF ENGINEERS ALVA MC EINLAY ODD FELLOWS COMMITTEE	3 3 2 3	5 R 5		MORKHEAD STATE COLLEGE	5434 5438 5524	BOURDON BOURDON GRAYSON HAYNE ROVAN	3 3	18 18 17 21 16 50	84 01 84 01 7 86 03 1 84 51 1 83 21	51 1 91 1 71			E W. T ALEXANDES P NILLARSSUNG MIS E MRS. O. M. LAWS E E. O. COOPER D N. C. HAGGAN			
AWROLLTON LOCK 1 ENTRAL CITY LINTON OLLEGE RILL LOCK 11 OLUMBIA	1831 1704	CARBOLL NUSNLENBERG HICEMAN MADISON ADAIR	6 3	7 ID 6 41	85 11 87 07 89 00 84 06 85 1E	480 440 729		MID.	COMPS OF ENGINEERS WILLIAM A. DATES WOODSON D. FRANKLIR COMPS OF ENGINEERS WAS.EAZEL R.PICKETT	3 4 3 4 3 4 3 3			MOUNT STERLING MUMFORDVILLE MURRAT OLIVE BILL 1 NW OLNET	5684 5894 6012	HONTGOMERY HART CALLOWAY CARTER HOPEINS	9	37 18 36 36 18 18	83 57 8 85 53 8 8 24 63 11 8 87 47	61	00	P 81	P FRED CARTWILL A SUBERT E. HODGE P MURRAY WATER ST D LOTTA ORA BOOP! A ARY D. WILLIAMS	ESTEM ER	2 3 5 3 4 2 3 5 3 4 3 6	
ONSYANTIME ORBIN CAA AIRPORT ORBIN WATER MORES OVINGTON WB AIRPORT THTBIANA	1801 1806 1855	DEECEINHIDGE WAITLEY WRITLEY EXHTON DAREISOR	2 3 7 3	6 56 6 57 9 04	88 14 164 08 184 06 184 40 184 1R	800 1170 1070 863 884	MID	7A #1D	MRS.OLENNIR L.SHARP CIVIL AERO ADM CORDIN WATER WORKS U.S. WEATHER BUREAU MARSHALL BILL	3 4 2 3 4 3 2 3 4 3		7	ONEONTA DAM 35 OWENSBORO DAM 46 PADUCAB PADUCAB CAA AIRPORT	8096 6115	CAMPBELL OAVERS DAVIESS MC CRACKEN MC CRACKEN	7 7 7	37 46 37 47	84 18 87 08 87 08 88 33 88 48	4: 3 4: 7 3:	04 40 6	P 7.	A COWPS OF ENGINE A VIRGIL P CLARS A CORPS OF ENGINE A MESTERN P. LACE D CIVIL AERO ADM	CERS DET	2 3 5 3 4 2 3 5 2 3 4 5	7
ARVILLE AVELLA RIPTIA 1 E EMA UNDER BARRETTS FORD BR	2053 2132 2139	BOYLE MARTIS PERSY ENOTT OHIO	4 3	7 48 7 02 7 25	64 46 82 32 83 07 82 48 66 43	955 1780 850 430		SP SA 7A	R. P. COLDIRON BERTHA DE LONG RALPE R. BEALL HATTIE B. BARNET J. L. EUFF	2 3 3 4 3 3 3 4		7	PADUCAH SCS NURSERY PAINTSVILLE PIKEVILLE PIMEVILLE PLEASUREVILLE 2 3	8136 8353 6384 8435	MC CRACKEN JOHNSON PIKE BELL SHELBY	1 2 4	37 49 37 21 38 41 38 21	88 33 9 82 40 9 82 33 5 83 43 9 85 00	5 6: 6: 2 8: 7 8:		7. P 8: 7. 8.	D 60 IL CONR SERVI A JESSE PAIRCHLLE P U.S. WEATHER BY A F. PARTIN A S. B. MORGAN	D IREAU C		7
UNBON UNRVILLE DDTTILLE LOCE F DBOATON LIZABETHTOWN	2374	MUMLENBRRG CASEY LYON METCALFE HABDIN	3 3	17 13 17 03	87 00 64 58 86 05 65 37 85 52	610 420		7A 6A 7A 7A 7A	N. D. GIVENS LINNIR D. TARTER CORPS OF BHGINERRS JOHN E. MORAN ROBERT E SETTLE	3 3 3 3 4			PRINCETON RAVENHA LOCE 12 RICEMOND E STATE COL RUNSEY LOCE 2 RUSSELLVILLE	6879 6805 7038	CALDWELL ESTILL MADISON WC LEAN LOGAN	4 3 3	37 44 37 44 37 33 36 5	8 87 53 8 83 53 8 84 11 2 87 11 1 88 53	7 8: 3 10 6 3: 3 5	31 00 8 84 90 6	7. A 8.	P ALTON M. HARVII A CORPS OF RNGIN: A THOMAS C. MERNI A CORPS OF ENGINE A WM. B. PORTER	CERS	2 3 5 3 2 3 5 3 4 2 3 5	
ALMOUTR ARMERS LEMINGSBURG LEMINGSBURG POST OFFICE TORD LOCK 10	2791 2903 \$2908	PENDLETON ROWAN FLEMING FLEMING MADISOR	5 5	6 09 6 25 8 25	84 20 83 33 63 43 63 44 84 15	600 668 870 750 593	6P	7A 7A M1D	JESSIE OLDEAM MRS. C. C. STAMPER BYRON F. FLENING MAURICE O.CARPENTER CORPS OF ENGINEERS	3 2 3 3 3 4 3	5	7	RUSSELLVILLE SUBSTA SADIEVILLE WATER WORKS ST JOEM BEVHLEHEM ACAD ST MANY SALVISA LOCK 6	7074 7091 7096	LOGAN SCOTT HARDIN MARION MERCER	8 8	38 23 37 43 37 3	86 5- 3 84 3: 3 85 5: 5 85 2 5 84 4:	2 8 9 7 1 7	76 90 77 7 30 20	MI	TVA 683 D RICHARD R. ZEY: A SISTER 3 M GSE: D ST MARY COLLEGI A CORPS OF ENGIN	8	3 4 2 3 5 3 4 3	7
ORDS FERRY DAW 50 TRANSFORT LOCK 4 TRANSLIN WATER WOMES TRENCHBURG GEORGETOWN WATER WORLS	3028 3036 3052	CRITTENDEN FRANKLIN SIMPSON MENIFER SCOTT	3	38 13 36 43 37 57	88 06 84 52 88 34 83 39 84 33	356 304 681 930 880	6P 6A	8A 7A 5D	CORPS OF ENGINEERS CORPS OF ENGINEERS REEMAN D. NEAL FRENCHBURG SCROOL JOE W. ATÉINS	2 3 4 2 3 3 4 3 3	5	7	SALTERSVILLE SCOTTSVILLE SEBREE WATER WORKS SHELDTVILLE 2 W SHEPHERDSVILLE 2 NE	7215 7234 7324	RAGOFFIN ALLEN WEBSTER SHELBY BULLITY	3 8	38 4 37 3 36 1	5 83 0- 5 86 1: 8 87 3: 3 85 1: 0 85 4	2 7 2 3 6 8	60 25 fi	SP 5	D J. M. WAY P NOBLE ALLEN P SSBREE WATER WATER P WILLA S. A. RA' A ALBERT C NC DAY	TTA	3 4 2 3 5 3 2 3 5 2 3 5	7
GEST LOCK 3 PLASGOW COMAIN AFBU FT KNOX GRANT DAM 36 JRATSON	3241 3280 3356	HENRY BARRER HARDIN BOONE CARTER	7	37 00 37 54 36 59	R4 53 85 55 85 58 84 49 82 57	490 780 506 569	5P	7A NID GA	CORPS OF ENGINEERS EMILT M. BEAN U. S. AIR FORCR CORPS OF ENGINEERS SBIRLET I. STATEM	3 4 3 4 3 4 2 3			SMITHFIELD 4 3 SOMERSET SIWAY DEPT   SOMERSET 1 N SPRINGFIELD STEARNS	7507 7510 7604 7877	PULASEI PULASEI PULASEI WASHINGTON MC CREARY	2 8 2	37 0 37 0 37 4 36 4	0 85 1: 7 84 3 9 84 3 1 85 1: 2 84 2	5 8 7 10 4 7 9 14	38	NI SP 6	D F. W. SIMPSON D ROSCOE PIERCE P RADIO STA WSFC A WM. B. CDATLEY D MRS.WILLIE LEE		3 4 3 4 2 3 5 3 3	
CREEMSDUNG CREEMSDUNG HIVAY 61 BR CREEMSTLLE 2 W LALEYS WILL	3431 3443 3451	GREEN GREENUP GREENUP MUHLEFBERG CHRISTIAN	7	37 15 38 37 37 12	85 30 85 30 82 51 87 12 87 20	581	7.A 5.P	7A 7A 5P	MRS. MELL M.LINGLE WM. A. PICKETT CORPS OF SHGINEERS C. R. LOVELL CLEATES E. BRINELEY	2 3 3 3 2 3 3 4	5		SUMMES SHADE SUBSTA TATHAM SPRINGS TAYLORSVILLE TOMPRINSVILLE TOMPRINSVILLE TEL OFF	7924 7948 8060 8065	METCALFE WASBINGTON SPENCER MONROE MONROE	3 3	37 5 38 0 36 4 36 4	3 85 4 2 85 0 2 85 2 2 85 4 2 65 4	8 1 4 1 8 1 6	89 99 99	7	TTA 664 D R. C. DEDMAN A MRS.EATTERYN B. D JAMES T. PBILPA A MRS. ALICR B.	CARR OTV HALE	3 3 4 3 3 4 3	
EARTFORD 6 N MAZARD WATER WORKS MELDRIBBING LOCK 14 MENDRESON 4 SW	3705 3714 3741	OBIO PERRY PERRY LEE EENDERSON	4 4 7	37 15 37 15 37 33 37 47	86 54 83 12 5 83 11 8 83 46 87 37	540 869 840 863 382	5P	7A 6A	M. R. CARSON, SR. E. A. HALLEY SURCHELL MUNCY CORPS OF ENGINEERS FRANE STREET	3 4 3 4 2 3 4 2 3		7	TURKEY CREER SCHOOL TYRONE LOCK 5 UNIONTOWN DAN 49 VALLEY VIEW LOCK 9 VANCEBURG	8179 8197 8246 8254	TRIGG ANDERSON UNION MADISON LEWIS	4 7 4 7	38 0 37 4 37 5 38 3	5 88 0 2 84 5 8 87 5 1 84 2 6-83 1	1 5 7 3 8 5 9 5		5P 5	TYA 880 A CORPS OF ENGIN A CORPS OF ENGIN A CORPS OF RMGIN P CITY OF VANCES	EERS URG	3 3 4 3 2 3 5	
EERNDON SICKMAN SICKSVILLE SIGB BRIDGR LOCK 7 SINDMAN SETTLEMENT 3CB	3816 3823 3833	CERISTIAN FULTON GRAVES JESSAMINE ENOTT			87 34 89 12 88 30 9 84 43 9 82 59	440	SP 8A	5P 68 8A	C. W. EEATTS EENTUCEY WTR SERV C TTA 679 CORPS OF ENGINEERS ELIZABETH WATTS	2 3	5	7	VANCEBURG DAM 32 WATKESBURG 6 E WEST LIBETT WATER WES WILLIAMSBURG WILLIAMSBURG	8486 8551 8796 8714	LEWIS LINCOLN MORGAN WHITLEY GRAFT	2 5 2 5	37 2 37 5 38 4 38 3	3 83 2: 2 84 3 5 83 1 4 84 1 8 84 3	4 12 5 0 9 4 9	43 8	7A 7 3P 7 3P 7	A CORPS OF ENGINO A FRANK HOECE A JOHN W. TURNER A CHARLES B. WES A MISS N. B. SIM	T PSON	3 2 3 5 2 3 5 2 3 5	7
SODGENTILLE MAT PARE SOPEIRSVILLE 2 E ETDEN ERTINGTON SACESON	3394 4093 4163	LARUE CERISTIAN LESLIE BRECEENRIDGE BREATHITT	2 4 3	38 52 37 16 37 53	8-R5 44 8 87 27 9 83 22 8 86 17 9 R3 23	524 850 646 696	7P 7P	8A 6P	ERNEST L. WRIGHT W E. MORRIS MRS.FOREST CAMPBELL FLOTD G. BORBIMS BUFORD F. BARNES	2 3 3	5	7	WILLOW LOCK 13 WOLFE CREEK DAM WOODBURY LOCK 4 HEW STATIONS	8824	RUSSELL BUTLER	3	38 5 37 1	6 83 5 3 85 0 1 86 3	8 6	48 10 8 04	IAI 8	A CORPS OF ENGIN A CORPS OF ENGIN A CORPS OF ENGIN	NERS NERS	2 3 4 5 6 3 4	7
FEREIRS FEREMIAN EXENT 2 N ERRTCCEY DAM LANCASTER ICE PLANT	4253 4363 4414	LETCHER LETCHER JESSAMINE LIVINGSTON GARRARD	4 9 4	37 16 37 58 37 01 37 32	0 82 38 0 82 56 6 84 38 1 88 16 7 84 35	1600 1150 950 362 1032		7A 7A 7A 8A	BIBBERT ELEIRS MRS. SUSAN F. ISON MARION W. MAEIR TVA 379 KENTUCET UTIL CO	3 4 3 3 3 4 3			SUMMER SHADE WESTPORT	7800	NETCALFE COLDMAN			3 85 4 9 85 2		75	IP 6. 7.	P CHAS.S.MC MURTI A GEORGE 7.JOHNS:	TON	2 3 5	
LAURA LEITCHFIRLD LEIINGTON NR AIRFORT LIBERTT LITTLE BICKMAN LOCK 8	4746 4746	MARTIN GHAYSON PAYETTE CASEY JESSAMINE	3	37 29 38 02 37 21	5 82 28 9 86 18 9 84 38 1 84 55 5 84 35	635 979 580	SS MID	11D 7A	JANCS A. FISLD GROUGE D. LITSEY U.S. WEATHER BURKAD PALLIA L. HANKLA CORPS OF BNGINKERS	2 3 2 3 4 3 4 3 4		7						ı							
		\$ 1-BIG	SAN	DY;	2-CUMBES	LLAMD;	3-4	auxici	N; 4-KENTUCKY; 5-L	ICRIMG;	6-H	ISSI	SSIPPI; 7-OBIO; 8-SALY	r; 9	TENNESSEE										

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no dup'ication of numbers within a state. Figures and letters following the station name, such as 12 55%, indicate distance in siles and direction from the post office.

Delayed data and corrections will be carried only in the June and Decasher issues of this bullatia.

Montbly and sessous snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are nither missing or received too late to be included in this issue.

Unless otherwise indicated, dimensions units used in this balletin are: Temperatures in 'F, pracipitation and evaporation in inches, and wind movement in milen.
Evaporation in seasured in the wisedard Weather Burnau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averagne in Table 1, beginning with July 1948. Amounte in Table 4 are from recording games. Traces are not shown

Amounts is Table 3 are from non-recording gagns, unless otherwise indicated.

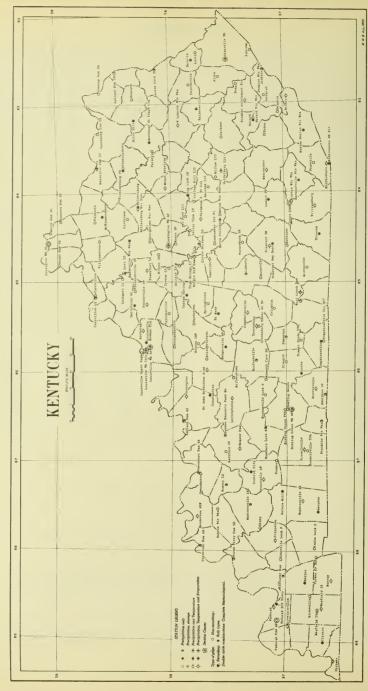
Date in Tables 3, 5, 8 and snowfall data in Table 7 are for the 24 hours esding at time of observation. See the Station Ladex for observation time

Spow on ground in Table 7 is at observation time for all axcept Waather Suresu and CAA etations. For these stations above on ground values are at 7:30 P.M. 8.5.7.

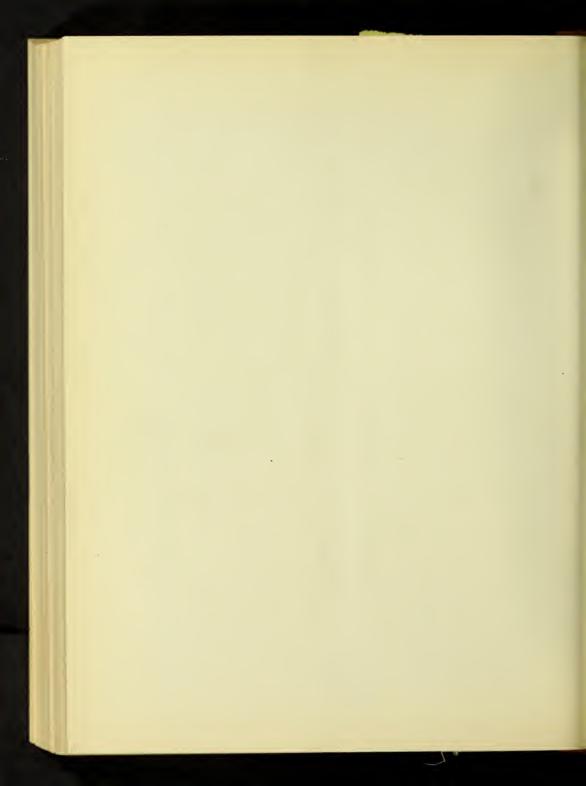
re or ground in Table 7 is at conservation that for all integet Mather Bureau and CLA stations. For there attions more on ground values are at 7:30 P.M. 8.5.T.

For record in Tables 3, 4, 6, 7 and the station locals. To record in Table 2 and 5 is indicated by one attry. Then boarly precipitation is similar or secumulated for several the stations of the station of

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APN 20 1001

U. S. DEPARTMENT OF COMMERCE CHARLES SAWYER, Secretary,

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APR 1 9 1951 MINNERSHY OF HETHINGIS

# CLIMATOL L DATA

KENTUCKY

**ANNUAL SUMMARY 1950** 

Volume **W**LV No. 13

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CHATTANOOGA: 1951



#### WEATRED SIMUADA

The weather during 1850 was notable for marked showrmalities in temperature and pracipitation. The annual average temperature of 55.7° was 1° below the 62-pear average of 55.7°. The yearly total of precipitation was the greatest no record. The amount of 53.5° inches for 1950 is 17.90 loses may than 10 62-pear average of 86.7°. The yearly total of precipitation was the greatest no record and the precipitation that the second highest states of the second highest during the second highest during was the third wettest month of that name. July was second highest during was the third wettest month of that name, July was trees, in both the daily saxiawa and miniawa temperatures during November were hroken at many locations. In spite of some fit her macord during movement were however at many locations. In spite of some fit her record duly maxiama temperatures, November Average annual temperatures ranged from 88.3° at voil creek Dam to 52.4° at Covington Weather Bureau Airport. The highest temperature recorded in the Satte during 1550 was 96° on the 26th of June at Osensboro second coldent siniama temperature ver recorded in November. The Is the second coldent siniama temperature ver recorded in November. This is the second coldent siniama temperature ver recorded in November. The grantsst amount of rainfail in any one month during the year was 17.76 inches read woodsup took 4 in october. The annual total precipitation ranged from 50.40 inches at Pikeville to 79.68 inches at Russellville TVA Substation.

corded at Hodgewille National Park in January and the least was 0.58 inche at Woodhury Lock 4 in October. The annual total precipitation ranged from 50.40 inches at Pikeville to 79.68 inches at Russellville TVA Substation. Weather conditions in January and February were generally favorable for crop grawth because of the unseasonable wars weather. Some freeze damage was reported to peach buds in the southwest. Stock feeding was monthly western was needed in most sections. Water damage was reported to vister grains and pastures especially in the lowlands of the western and southern grains and pastures especially in the lowlands of the western and southern mosesonable, cold weather during most of March, together with internsitient rains, snow and frost, delayed preparations for spring planting. Preeze damage was reported to peach on the cold and the cold

According to the Bureau of Agricultural Economics, Department of Agriculture, reports from Rentucky farmers indicate that yields for 1930 were below those in 1949. The weather was a large factor in contributing to smaller cropy yields. Tohnoco production was helow last year. The 1850 corn yield was not from last year but was even lawyer weather than 1850 to the product of the 1850 to 185

crop season. Early expectations of a humper crop of soyhsans dropped at the final yield was helow last year. Grass and weed growth in heans had in many fields due to the continued rains. Because of this persist rains veather, considerable hay was lost. Although more acreage of hay was harvested than last year, total production was about the same.

harvested than last year, total production was about the same. Storms were many and varied during the year. Sleet and toe storms in January caused considerable damage. Floods in January, rebruary, and April resulted in loss of income to many hecause in fix esception of husiness. In Warch, a wind and rainstorm caused high property damage, and too fatalities with the greatest damage at Olive Hill. One fatality attributable to a flash flood occurred in June along with property damage, and two fatalities with the greatest damage at Olive Hill. One fatality attributable to a flash flood occurred in June along with property damage, and two fatalities with the greatest damage at Olive Hill. One fatality attributable to a flash flood occurred in June along with property damage and the fortune of the state of

January - Ahove normal in temperature and precipitation. Warmest January on record and second wettest. It was marked with numerous thunderstorms, high winds, flooding, and ice storms.

February - Both temperature and precipitation were above normal. Floods and high water prevailed generally throughout the month.

March - Below normal temperatures and precipitation. Stages in the lawer Ohio River continued high the first few days with all streams continuing a slow fall.

April - Cool temperatures prevailed during the greater portion of the month, this heing the coolest April since 1926. Rainfall was generally helow mormal in all sections of the State.

May - Both temperature and precipitation exceeded the normal. Severe rainstorms accompanied by hail and lightning caused damage in several counties. Near the end of the month, flash floods added to this damage.

June - Temperatures averaged helow nnrmal but precipitation was well above the monthly average. This was the third wettest month of that name on record. Severe lightning and rainstorms took their toll. Frequent rains that were in many places torrential did quite a hit of damage to

uly - Temperatures were considerably helow normal, making this the third oldest July on record. Precipitation was much above normal with the verage for the State being exceeded but three times. Rains were frequent and often accompanied by thunderstores.

August - Temperatures were considerably below normal, making this the fifth coldest August on record. Precipitation was above normal. The great number of days with rain and excessive humidity created a problem for the farmers in the caring of their crops.

September - Lower than normal temperatures were reported in this month. This was the fourth wettest September on record. The first light frost of the season was recorded locally in amay places. Storms and flows especially in the northwast section, were contributing factors to excessive damages.

Catober - Average monthly temperatures exceeded the normal. There only five months of this name where average temperatures have been high Precipitation was helow normal. The hest month of the year as far

November - Remarkably cold, cloudy, wet and windy. Precipitation frequent. The coldest November on record. Snowfall was unusually fugent and the average fall for the month was the greatest on recolosses due to winds, a snow storm, and a cold wave were especially he

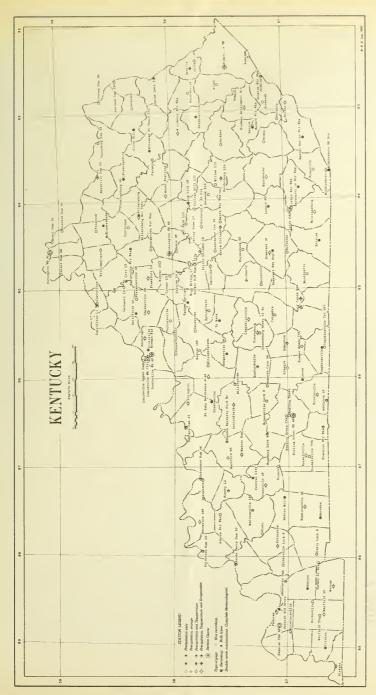
December - Temperatures were below the average. Precipitation, while frequent, was also below average and consisted to a considerable extent of snow. The combination of November snow and becember rainfell brought about the earliest Ohio River flood ever recorded in December.

#### ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this builtein series contains records from Hydroclimatory weather stations, this builtein series contains records from Hydroclimatory and the series of the recording type which produce continuous records of practipation. It was stream the reduced that the request of the Corps of Engineers, beparing the stationary of the recording type which produce continuous records of practical type which produce continuous records of the record of records of the record of records of recor

Previous to the introduction of this hulletin series, data from Hydroclisatic Network stations were presented is hulletins (Hydrologic Bulletins) which were issued anouthly for each of 8 drainage areas eshracing the entire United States, but since the Network was established to seet the internal requirements of the Federal agencies referred to showe, no provision was asked for public dissemination of the data, distribution being limited too make for erence copies of the Nydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D. C.

Many other records published in this hulletin have heen made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.



## AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

KENTUCKY 1950

							-				_								-	,						=
	Janu		Febr		Ma	rch	Aş		Ma	_	Ju	ne	Jı	uly	Aug		Septe	-	Octo		Nove	mber	Dece	mber	Anr	nual
Station	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Тетр.	Departure	Temp	Departure	Temp	Departure	Temp.	Departure	Temp	Departure	Temp	Departure
ANCSORAGE ASHLAND DAM 29 BARBOURVILLE BARDSTOWN S J PREP SCH BEAVER DAM	43.2 44.2 - 45.4M	8.4	38.5 37.7 - 41.1M	.7	41.9 40.5 - 45.4	- 6.4	50.6 54.1 - - 53.3	- 3.5 - 1.3 - 3.7	1	2.3	70.9 72.4 - 73.2	9	72.7 74.4 74.0	- 3.5 - 2.3 - 4.1	73.3	- 3.6 - 2.3 - 3.8		- 2.2 - 1.7 - 3.3	62.4	4.1	39.4 42.4 39.9 41.3 40.8		34.2 35.0 32.2	- 4.8 - 3.6 6.5	- 1	7 7 7 - 1.1
BENHAM BEREA COLLEGE BOWLING GREEN W8 AP SURGIN OIX DAM CAMPBELLSVILLE	48.1 46.7 45.8 47.3 44.2N	8.2 10.5	41.1 39.2 41.2 41.2 39.0	1.9	42.9N 42.9 44.0 -	- 5.1	52.1M 52.2 53.1 52.4	~ 6.0	67.0 66.4 M 67.9 67.4 66.9	1.7	71.5 71.4 73.1 72.4 69.1	- 3.0		- 5.0	71.3 71.6 72.3 72.2 71.6	- 3.4 - 5.9 - 5.1	67.0 66.3 68.2 67.7M 66.7M	- 4.3	61.3 63.1 M 63.0 62.6 62.2	2.7 3.2	40.2 39.4 40.7 41.8 41.1	- 6.4 - 7.5 - 5.7	30.5M 31.8 31.7 32.4 33.4	- 6.0 - 7.0 - 6.7		- 1.3 - 2.6
CARROLLTON CORBIN CAA COVINGTON W B AIRPORT DANVILLE FARMERS	47.2 41.4 45.1 44.0		- 41.0 35.2 38.1 36.1 M	1.9	43.5 38.7 41.4 41.9M	- 4.8 - 3.5	52.1 48.0 51.0 51.0	- 3.9 - 3.4	66.2 64.2 65.4 65.1M	1.0	70.3 69.3 71.3 69.9M	- 1.2 - 1.9	71.5 72.2 72.5 70.8	- 3.2 - 4.5	69.9 70.5 71.3 68.9	- 3.4 - 5.1	68.1M 65.7 64.7 66.7 65.6	- 2.8 - 2.7	61.9% 60.4 60.1 62.5 61.3%	4.7	41.5M 40.1 37.8 40.7 41.3	1	32.3 27.1 31.5 32.2	- 4.9 - 4.3	55.0 52.4 54.8 54.0	- 1.0 - 1.2
FORDS FERRY DAM 5 FRANKFORT LOCK 4 GRAYSON GREENSBURG GREENVILLE 2 W	44.1 45.5 44.8M		41.0 38.5 - 39.4 40.9	1.7 2.3 1.6	45.6 41.0 - -	- 4.9	54.8 49.3 51.4 53.2	- 6.3 - 4.0 - 3.8	66.3	1.3	74.8 71.0 - 71.5 72.9%	-	75.1 72.8 73.0 73.3	- 3.9	72.8 71.6 - 71.4 72.0M	- 4.0 - 4.3 - 4.6	66.7	- 3.4 - 3.1 - 3.2	60.2 61.5	4.1	42.4 40.8 40.4 40.5 41.9		32.6	- 6.3 - 6.1 - 6.1	54.3	- 2.0
HEADQUARTERS HEIOELBERG LOCK 14 HENDERSON 4 SW BICKMAN BINDMAN SETTLEMENT SCB	44.6M 48.3 43.3 45.8		41.6 40.5 39.4		41.2% 44.6 44.3 -42.3	- 1.2 - 3.2		- 2.0 - 4.3		.2	71.3 73.0 70.6M		71.9 73.5 71.9		71.1 72.2 71.0	- 4.0 - 6.2	66.1 67.6M 70.4 65.7		61.2 63.3 66.7 59.6		40.8 41.1 39.2	- 7.7 - 6.4		- 3.4 - 6.1	55.8 55.9 54.5	3 - 2.2
80 PKINSVILLE 2 E 1RV1NGTON LEITCHFIELD LEXINGTON WB AIRPORT LOUISVILLE STAN WB AP	45.6 43.8 44.8 43.7 44.6	8.3 9.2 10.8	42.0 39.7 40.1 37.9 39.0	2.8 3.3 2.5	43.5	- 5.4 - 3.4 - 2.4 - 2.9 - 1.6	52.2 53.2 50.4	- 3.9 - 3.9 - 2.7 - 3.9 - 2.5	66.8 66.6 65.3	1.0 1.2 1.0	72.3	- 2.0 - 1.8 - 1.4 - 1.1	73.4 72.8 72.4	- 4.6 - 4.3 - 4.5 - 3.5 - 2.9	72.2 72.1 71.6	- 5.4 - 4.0 - 3.9 - 2.9 - 3.0	67.3 67.4 65.7	- 3.8 - 3.2 - 2.9 - 2.8 - 1.4	62.8 62.8 61.5	4.0 4.3 4.1	40.8 40.6 40.2 38.5 40.5	- 7.5 - 6.0 - 6.5 - 6.3 - 4.5	31.3 31.5 29.7	- 6.1 - 5.7 - 5.7 - 6.1 - 5.8	55.7 54.1	- 2.0 - 1.3 9 9
LOUISVILLE WE CITY LOVELACEVILLE MADISONVILLE 1 SE MADMOTE CAVE PARK MANCHESTER	44.3 44.1 44.0 43.4	7.2	39.0 41.9 39.0 40.8	1.9	42.5 45.7 42.6 45.3	- 2.9 - 3.3 - 1.8	54.4 51.7%	- 4.3 - 4.0 - 2.3	68.8 65.6M	1.6	73.5 74.8 73.3 69.0 73.2M	- 4.0	74.7	- 5,8	72.6 72.9	- 4.0 - 6.0 - 7.4		- 3.1 - 3.8 - 5.0	64.4 63.5 60.7	3.7	41.7 42.1 42.0 40.1 43.3 kg	- 5.7	31.6 33.4 31.2 30.7 34.6 M	- 4.5	57.1 55.7	- 1.0 - 1.6 - 1.5
MAYFIELD 2 S MAYSVILLE DAM 33 MIDDLESBORO MILLERSBURG MILTRY INST WOUNT STERLING	43.4 43.5 49.8 M	10.1	41.3 35.9 45.1 -	1.3	44.2N 39.0 - 43.5	- 5.2 - 5.8 - 1.1	47.5 56.5M	-	63.3	4.5	73.4 69.1 72.9 72.4	-		- 5.2 - 6.1 - 1.1 - 2.7	69.3 72.6 71.2	- 6.1	68.0 65.0 67.5 66.6 64.3	- 4.1 - 4.5 - 2.4 - 4.5	59.4 61.9	1.9	42.9 40.3 42.0 41.0	- 4.9		- 8.3 - 4.7 - 4.2 - 3.4	52.8	- 2.2 - 2.5 4
MURRAY OWENSBORO PADUCAB CAA PADUCAB PIKEVILLE	46.2 44.1 49.8	3	43.5 39.8 41.0 40.4 43.3	3.4	43.2		53.1 53.8 53.4	- 2.9 - 2.8 - 5.3 - 3.0	68.2 68.4 68.6	2.6	74.6 74.4 74.9 75.0m 73.7	. 2	75.3 75.5 75.0 75.61 75.0	- 4.0 - 2.4 - 4.8 - 2.6	73.5 72.3 72.7M	- 2.6	67.5 68.4	- 3.6 - 1.7 - 4.7 - 1.7	64.3 64.7 64.0	3.1	43.6 40.8 40.8 40.6 42.5	- 5.9	34.5 31.1 32.1 32.0 35.5	- 5.2 - 5.8 - 6.8 - 2.3	56.5	9
PRINCETON RICEMOND TEACHERS COL RUSSELLVILLE ST JOHN BETHLEHEM ACAD SCIENCE BILL	44.6M 45.5 45.6 42.5 47.6	9.6 9.4 8.6	42.1 38.1 40.6 37.3 41.6	1.1 2.4 1.5	46,9M 40,1	- 3.1 - 4.9 4 - 5.4 - 1.5	50.9 55.3 49.8	- 4.5 - 5.2 - 1.6 - 5.1 - 2.2	64.8 69.5 64.6	3.7		- 3.5	75.8 72.2	- 5.4 - 6.2 - 2.4 - 4.4	70.5 73.5 70.4	- 5.3	67.9M 65.5 69.3M 65.5	- 5.5	61.2 63.3	1.8 4.2 2.9	41.8 40.3 41.5 39.0	- 6.9	30.9 32.4M	- 5.9 - 7.4 - 5.3 - 5.9	54.1 57.4 53.4	- 1.6 - 2.8 .0 - 2.2
SCOTTSVILLE SHELBYVILLE 2 W SHEPHERDSVILLE SOMERSET 1 N SUMMER SHADE	47.9 42.2 - -	8.5	43.2 36.8 - -	1.6	46.2 42.4 - -	- 2.4	55,0M 51,2 53,1	- 3.2	68.7 65.8 67.8	1.4	72.8 72.0 72.5	- 1.2	73.7 74.0 72.6	- 2.9	71.5 71.8 -71.1	- 3.6	66.7 67.2 70.0 67.9		61.0 62.3 62.0 62.0	4.9	39.7 39.9 40.6 44.1 37.98	- 5.0	33.3M 30.5 33.1 32.8	- 5.0	56.6 54.7	8
VANCEBURG WEST LIBERTY WATER WKS WILLIAMSBURG WILLIAMSTOWN WOLF CREEK DAM	49.9 40.8 48.7	7.7	44.2 34.2 42.9	2	42.1% 45.9 38.0 45.4	- 2.8	50.6 54.9 50.1 53.8	- 1.8 - 3.9		.3	72.5M 72.1 71.0 73.8	- 1.9	73.81 73.7 72.9 75.8	- 3.4 - 3.9		- 4.1 - 3.5	66.0M 67.3 65.6 70.5	- 4.0	61.0	2.5 3.0	42.4 42.0 41.8 39.4 44.1	- 5.1 - 5.8	33.2 32.1 34.6 28.8 35.0			7 - 2.0

Table 2

## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

K B RT DE

Table 2		10	IA	LP	RECI	111	4111	OIA	AI	VD.	וע	LPA	TU.	UK	L5	rn	OM	14	OR	MP	/T			K 3	1950 1950
	Jan	uaty	Føbr	niary	March	Ар	nl	Ma	y	Ju	ne	Ju	ly	Aug	pust	Septe	mber	Octo	ber	Nove	mber	Dece	nber	Ann	ual
Station	Precip	Departure	Precip	Departure	Precip Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Ргестр	Departure	Precip	Departure	Precip	Departure	Precip	Departure
DDISON DAM 45 XOLPHUS 1 N LLEN KCHORAGE BHCAMP	13.70 13.00 7 53 12 35 7 26	8,34	5,87 5.54 3.39 6.50 3.22	2.65 3.68	3.48 -1 49 3.06 3.63 2.98 -1.45 2.36	4 62 2,63 1,84 3,45 1,61	.60	N.92 4.17 6.53 9.N4 H.39	4 90 6.10	4.20 3.47 3.88 8.33 3.65	5,49	3.59 5.97 7.11 5.75 7.61	.19	7.01 6 07 4.43 5.02 2.83	1.38	10.71 4 3H 6.5N 5.22 5.22	7.60	.98 .99 2.51 1 67 1.82	-1 61	4 03 £4 14 3.89 5 98 4 87	1.00	2.44 2.30 2.17 2.81 2.95	77 - 82 -	69 66 £55 72 52 69 70,91 52,39	26,54
SHLAND DAW 29 ARBOURVILLE ARDSTOWN ARDSTOWN S J PREP SCH AXTER HARLAN WIR WKS R	10.30	4 77	3.37 4 22 4 43 4.78	90	2.97 -1.35 2.80 2.76 -1.84 3.62	1.13 1.63 3.80 2.00	-2.46 - 16 -	5.14 6.72 6.49 6.6N	1.14	5,99 5,30 10.66 3,88	1.7N 8.42	4.N1 7.27 5.56 6.53	.63 1.85	3.89 2.84 6.28 3.28	2 43	8.53 2.02 3.28 - 3.12	5.87	2.46 1.21 - 1.36 1.71	.02	4.92 - 4.68 3.55	1.93	2.07 1.83 £2.22 3.85	-1 10	54 14	11.68
EAVER OAM ENHAM ENTON R ENEA COLLEGE EREA WATER WORKS	13.75 9.30 11.93 12.55 12.69	9.57 7 85	6.23 4.72 5.74 3.72 3.65	2.78	4 1336 3.89 ~ 4 45 3.28 -1.66 4.33 -	5,08 2.34 2.18	.94 -1.45	6,50 7.97 - 3,60 4,19	2.39	6.87 5.61 6.95 4.97 5.78	3.16	6.89 5.86 	3.23  6.13	4.15 4.98 - 2.96 4.04	1.05	7.07 2.26 4.12 3.51 3.82	.59	.78 2.12 1.21 2.30 2.78	-1.88 - 48	3.90 5.30 - 6.14 6.78	2,83	3.69 4.37 2.01 2.33 2.88	-1.78	58,56 65,11	25.67
DSTON 2 SW DWLING GREEN DWLING GREEN SUBSTA DWLING GREEN WB AP RENT OAM 36		10.42 7.60	4.73 5.93 4.93 5.45 5.45	1.43	3.11 - 4.25 - 3.68 - 3.77 -1.45 1.91 -2.28	3.73 2.03 2.55 1.77 4.27	- -2.72 .59	5.15 6.83 6.79 6.88 4.17	2.82	5.99 6.06 4.90 5.18 7.68	1.35	5.04 6.75 8.16 5.89 4.74	1.62 1.12	3.36 3.54 3.67 3.13 2.46	61 -1.04	3.38 8.60 6.15 4.63 6.25	1 45 3.03	1.47 1.68 1.65 1.84 2.80	-1.10 .28	3.81 5.0R 4.67 4.28 5.58	45 2,58	12.19 2.56 2.22 2.30 2.43	-1.98 - 13	67.49 63.38 60.44 58.35	11.67 16 69
ROWNSVILLE LOCK 6 JRGIN OIX OAM JRNSIOE ROIZ LOCK K AMPBELLSVILLE	15.06 14.62 12.16 13.71 12.57	9.56 10.61 7.45	4.40 2.84 4.89 6.95 3.70	.61 36 .65	3.51 -2.02 4 0146 4.3692 4.39 - 3.49	3.05 2.68 1.08 2.67 3.24	-1.46 89 -3.13 -	5.56 7.26 9.08 5.48 4.74	1.60 3.52 4.79	5.97 7.00 9.10 6.37 6.63	1.77 2.55 4.90	3.54 7.85 7.16 7.87 8.60	3.69 2.46	3.81 4.05 4.84 7.01 2.37	43 .19 .82	8.38 4.48 5.14 6.39 5.48	5.16 1.36 1.78	1.29 1.89 1.69 2.83 2.15	-1.80 70 -1.02	4.64 5.61 6.08 4.63 4.16	.74 2.65 2.65 -	2.26 2.22 3.75 2.47 2.09	-1.80 -1.18 51	61.74 64.52 69 43 70.77 59.22	11.46 2.87 18.93
ANROLLTON ANROLLTON LOCK 1 ENTRAL CITY 8 JINTON R DLLEGE HILL LOCK 11	9.87 13.36 11.54 12.86	6.25 8.48	5.21 5.16 9.23 3.35	2,55	2.18 -1.71 3.93 - 5.72 - 4.2113	4.14 4.62 2.19	.61	3.94 4.63 V7.22	.06	5.23 5.91 7.07 8.04	1.30	6,07 10,14	- v 5.67	6.45 12.08 7.55 5.22	2.95	4.08 2.55 2.92	03	1.12 1.70 .77 1.51 2.17	84 65	5.90 3.18 4.96 4.66	2.97 - 1.65	2.50 2.96 2.06 2.01	34	60.66	18.83
OVINGTON W B AIRPORT	14.91 13 40 11.03 11.71 9.43		4.73 5.85 4.09 4.35 5.58		3.59 - 2.53 - 3.13 - 4.00 - 2.09 -	2.75 4.77 1.64 - 3.82		5.33 6.66 8.69 3.12		9.95 8.66 5.03 5.03	-	6.34 7.17 5.61 4.39		4.89 3.44 4.10		4.32 7.42 3.00 8.25		2.85 1.22 1.25 - 1.86	-	5.64 5.45 5.37		3.33 2.96 2.30 - 2.35		55.32 53.22	-
YNTHIANA ANVILLE AVELLA R ELPHIA ELPHIA 1 E	-	8.09 10.74 - -	4.10	1.30	2.65 -1.85 3.66 -1.11  3.41 -	2.17 2.94 1.91 -	-1.79 -1.10 -	5.93 5.77 7.96 - 8.47	2.82 1.60 - -	7.65 6.87 5.05 - 6.66	4.22	3.82 7.50 7.26 4.17	.29 3.09 -	2.01 3.04 3.25 5.69	-1.57 55	5.97 5.45 5.82 3.15	3.06	1.64 1.64 2.19 -	78 72 -	5.28 5.80 4.09 4.36		2.06 2.01 2.85 - 3.24	-1.21 -2.06 -	55.30 63.81	14.81 17.45
EMA UNDEE BARRETTS FRD BR UNMOR UNNVILLE ODYVILLE LOCK F	8.65 14.43 13.86 15.16 11.16		3.30 6.55 6.35 5.12 6.53	11111	3.48 - 4.59 - 4.11 - 3.20 - 4.87 -	2.52 4.71 2.58 2.80 3.77		8.81 5.86 8.91 5.74 6.68	-	6.73 6.43 7.08 10.99 7.02		4.82 6.82 6.16 9.14 4.20		5.19 3.17 3.41 6.22 6.56	-	6.33 7.25 11.68 5.04 7.22		2.18 1.12 1.47 2.35 .94	1	4 76 4.94 4.25 5.05	- 1	3.29 3.72 3.18 - 1.81		60,06 69.59 73.04 	-
DMONTON LIZABETHTOWN ALMOUTH ARMERS LEMINGSBURG	15.59 15.32 9.98 12.18 12.68	11.04 6.16 7.87 8.55	4.30 4.08 5.05 3.52 4.30	.13 2.00 .43 1.21	4.28 -1.26 3.55 - 2.19 -2.14 4.0849 2.96 -1.86	4.13 3.84 2.08 1.73	-1.30 -1.33 -1.84 -2.43	4.14 4.81 6.43 3.84 3.53	30 - 2.77 27 63	7.63 4.88 7.29 8.80 8.01	3.39 3.18 4.41 3.48	7.96 9.70 3.45 5.76 4 09	3.18 46 1.02 17	4.33 3.98 3.27 2.52 2.14	.56 39 -1.94 -2.24	4.02 6.34 4.85 8.16 8.56	.84 2.35 5.36 5.54	4.47 1.43 3.10 2.29 1.50	1.76 74 62 -1.31	E5.28 E5.08 4.74 5.40 6.39	3.06	1.67	-2.85 -1.58 -2.07 -1.54	E 66.94 E 66.82 55.88 60.30 57.60	17.03 - 14.38 14.26 11.66
LEMINGSBURG POST OFF R ORD LOCK 10 ORDS FERRY OAM 50 RANKFORT LOCK 4 RANKLIN WATER WORKS	13.90 14.02 12.07 14.61	9.59 9.46 7.95 9.99	3.83 3.79 6.64 4.59 4.47	.77 3.52 1.22 .40	3.46 - 3.7343 5.25 .28 2.54 -1.88 4.7237		-1.44	3.58 4.37 7.28 6.68	.05 .98 3.53 2.34	6.12 5.23 7.58 7.69	2.04 1.74 3.61 3.74	7.12 4.18 6.07 7.22	2.07 1.43 1.98 3.19	2.09 2.86 8.81 3.48 6.13	-1.24 6.12 04 2.40	8.51 4.70 4.23 3.57 6.29	1.50 .70 .72 3.14	1.63 2.34 1.61 1.72 1.17	.01 99 77 -1.44	4.85 4.68 4.68 4.14 5.19	1.69 1.53 1.00 1.67	1.97	-1.06 -1.28 -1.73 -2.36	57.53 64.66 57.85 68.92	13.67 23.28 14.83 21.26
RENCRBURG EORGETOWN WATER WORKS EST LOCK 3 LASGOW RANT OAM 38	13.75 11.14 14.90 10.43	7.00 10.05 7.29	4.14 4.66 5.30 5.91	1.86 1.81 3.55	4.40 - 3.20 - 1.93 -2.61 4.4280 1.86 -1.99	2.30 3.16 3.20 2.48 4.07	80 -1.81 .60	3.81 6.25 6.62 6.19 2.60	3.22 2.28 41	6.27 7.96 8.07 6.57 4.07	4.05 2.77 .45	8.51 7.65 4.34 6.87 4.17	.04 1.85 .78	4.28 2.30 2.24 4.97 1.59	-1.57 .78 -1.33	5.11 4.01 2.93 4.05 8.34	10 .66 5.41	2.46 1.79 1.37 1.87	-1.46 60	E4.10 E4.84 5.24 4.06	1.69 1.34 1.33	2.52 £1.67 1.73 1.76 1.97	- -1.75 -2.80 38	E 59.88 E 53.07 64.62	9.57 15.53
	10.37 14.10 11.78 9.13 12.31	9.17 - 5.57 7.80	3.61 4.12 4.25 3.60 5.80	.51 - .68 2.43	3.68 - £3.21 - 2.75 -1.33 3.58 -1.55	1.61 1.59 4.36	63 -2.06 39	5.96 8.73 9.14 5.33 5.22	4.50 - 1.76 1.38	5.69 8.45 7.23 5.04 4.20	3.98 1.32 31	5.34 6.12 4.88 6.06 9.10	2.03 1.74 5.30	2.75 5.01 4.13 6.48	.92 .75 2,99	7.58 7.43 6.95 5.73	4.44 4.32 2.75	2.05 2.29 3.08 1.10	60 .77 -2.23	5.03 4.29 3.62 4.70		1.84 1.80 - 1.97 4.05	-2.27 -1.10 .32	53.25 66.63	13.06 19.75
ARTFORD 6 N AZARD AZARD WATER WORKS R EADQUARTERS	11.78 14.04 7.43	3.98	6.28 5.77 - -	-	3.71 4.39 2.90 -1.61 3.31	3.60 5.61 1.82 2.32 2.25	-1.96	5.55 7.53 7.01		4.17 6.53 6.64 7.07	1.92	7.99 6.26 7.18 6.42	1.90	7.20 4.63 3.91 4.07	55	5.31 5.37 2.88 3.27	- [11	.72 1.38 1.92 1.94	- 92 -	-	-	4.48 2.61 - 2.62		69.19	=
ICKSVILLE	11.09 16.37 14.43 11.63	6.58 12.43 - -	3.65 6.51 6.37 - 7.10	- 1	3.34 -1.58 4.6586  5.49 -	1.55 5.77 2.41 4.27	-2.26 1.71 -	4.10 5.56 5.10 - 5.44	.04 1.61 -	6.44 4.87 7.29 7.09	1.92	6.56 7.42 - 6.83	1.51	3.41 6.71 7.47 8.16	90 3.63 -	3.21 3.45 4.81 2.34 5.04	.14	2.27 2.16 1.31 1.15 1.78	60 70 - -	5.94 5.38 3.32 4.84	3.24	2.14 2.16 4.00 - 2.04	-1.72 -1.65 -	53.70 71.01 - 69.91	6.34 27.47
TDEN	15.45 8.09 17.76 11.25 10.01	7.05	4.22 4.19 4.25 5.13 4.58	.96 - 1.47	3.29 2.81 2.92	1.72 4.30 2.51 2.34	-1.93	4.9R 6.43 4.46 6.30 6.51	1.33 - 2.23	6.32 7.56 5.61 8.86 6.90	2.06 - 4.57	7.75 6.65 7.22 4.90 6.00	3.58 - 1.05	4.11 5.47 6.68 8.21 4.25	4.84	5.75 3.25 4.99 6.50	2.72 - 3.44	1.55 2.00 1.86 1.62 2.38	-1.10	4.73 5.01 4.67 E5.66 5.28	1.66	1.75 2.67 2.59	-2.03	56.55 67.68	-
	8.63 5.67 7.35	9.63 - 2.28	3.84 3.39	2.03	3.04 -1.72 3.49 - E3.69 -	4.40 1.52 2.20 1.44 1.58	.38 -2.06 -2.28	8.07 3.75 - 3.90 6.02	4.33 .05 39	5.89 5.34 5.44	1.80	3.25 4.95	3.89	4.60 4.29 3.19 5.25	1.32 - -1.08	6.30 5.23 4.04	3.45	1.10	-1.69 - - -	5,58 E4.44 3,80	-	2,75 4.20 £3.18	92	67.64 - - E 50.44	24.95
EENE 2 N ENTUCKY OAM ANCASTER ICE PLANT AURA EITCHFIELO			4.14 7.29 4.18 3.93 5.72	- .75 - 2.21	3.66 - 5.62 - 3.76 -1.56 3.39 - 4.2359	2.39 3.28 2.89 2.06 4.58	71 21	5.62 6.09 3.87 6.17 6.57	47 45	4.83 5.58 5.07 5.29 6.78	- .43 - 2.61	6.40 5.39 8.36 7.23 6.77	3.86	4.03 7.43 4.21 3.14 5.66	- .26 2.07	5.26 6.39 3.72 7.42 7.66	.75	1.21 1.21 2.12 2.44 1.15	63 -2.01	5.03 6.13 8.13 6.04 5.24	-	2.28 1.68 - 2.60 E3.12	-1.27	57.22 68.17 	25.53
IBERTY ITTLE SICKMAN LOCK 8 OCKPORT LOCK 2 OGLICK 1 S //R	16,65 14,29 14,26 11,30 12,98	9.59 6.95	3.64 4.43 4.06 5.06 2.72	.02 - .79 2.19	3.6171 4.05 - 4.0136 1.63 -2.90 3.54 -	3.34 3.19 3.30 4.00 2.06	16 28 22	5.06 6.34 6.50 7.81 3.97	1.25 2.68 4.10	4.17 8.80 5.43 9.45 6.62	.12 .86 4.91	7.29	3.19 4.75 .18	2.70 6.33 3.75 3.26 4.59	75 43 62	4.28 4.69 4.51 3.72 3.07	1.21 1.36 .72	1.51 2.11 2.37 1.81 1.99	-1.08 33 -1.01	5 23	1.70 2.68 3.24	1.83 2.71 E1.80 1.75 2.12	-1.94 -1.72 -1.76	58.67 69.46 E64.75 60.02	15.32 - 19.59 15.78
OUISA LOCK 3 OUISVILLE BOWMAN FLD R OUISVILLE STAN W8 AP R OUISVILLE UPPER GAGE		6.45 7,38	5.18 2.40 5.78 5.72 7.85	2.17	3.51 - 3.4468 2.71 - 2.80 -1.59 3.18 -	1.22 3.14 3.17 3.94		9.52 4.83 8.12 9.04 7.21	.76 5,32	4.64 7.21 7.01 6.47	2.98	4.40 8.09 5.42 5.51 3.18	4.17 1.81	4.85 2.25 2.77 3.02 4.75	1.74	3.75 8.95 3.23 3.06 3.67	6.24	.97 .99 1.52	.91 -1.66	£6.50 5.05 5.03 5.05	3.62	2.73 2.66 2.72	-1.08	- - 59.39 60.88	16.13
OUISVILLE WS CITY R OVELACEVILLE UCAS R AOISONVILLE 1 SS ANMOTH CAVE PARK	11.84 14.15 14.95 11.94 16.44	7.84 9.47 - 10.64	6.33 10.14 5.15 5.13 7.01	2.78 6.24 - 2.89	2.76 -1.63 6.27 .95 3.63 - 4.03 - 3.51 -2.46	3.41 4.88 2.56 3.13 3.07	47 .10 - -1.70	-	4.14 3.16 - 5.60	7.62 5.73 7.10 5.02 5.77	3.80 1.27 - 1.37	3.90 7.27 10.00 4.36 6.72	2.41	4.98 7.81 6.43 5.55	1.56	2.96 2.72 V6.73 8.54 6.10	.18 86 - 2.46	1.25 1.96 1.95 1.44 1.77	-1.40 -1.57 - 83	4.95 6.06 4.62 4.83 4.63	1.34 2.56 - 1.22	3.00 1.55 2.27 2.16	74 - -1.46	60.86 63.79 71.86	17.6 - - 21.25
								See	reisrenc	e notes	follows	ng State	on Inde	K											

- 213

### TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL.

KENTUCKY				

	Jan	ary	Febr	uary	Max	ch	Ap	ril	Ma	у	Ju	ne	Ju	lly	Āug	rust	Septe	mber	Octo	ober	Nove	mber	Dece	mber	Ānn	ual
Station	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
MANCHESTER MAYFIELD SUBSTA MAYFIELD 2 S MAYSVILLE OAM 33 MC KINNEYSBURG //R	11.62 12.98 11.27 11.74	- 6.56 7.78	4.96 6.91 7.48 5.09 4.36	4.13 1.91	3.74 5.56 - 2.84 2.05	-1.64	2.05 3.06 3.10 2.60 3.07	- -1.31 -1.07	5.04 5.69 5.83 5.12 6.06	1.71 1.34	7.49 7.63 8.38 7.63	4.65 3.64	6.87 6.26 7.14 6.84 3.31	- 3.26 2.39	6.64 5.52 8.16 1.58 1.19	4.68 -2.43	3.75 5.08 2.89 6.82 5.79	- 18 3.85	1.63 1.39 1.73 1.62 2.68	-1.25 90	E6.34 4.26 E4.43 4.39	.70 1.34	2.26	-1.97	66,60 57.82	14.24
MIOOLESBORO MIOOLESBORO RR STA R MIOWAY MILLERSBURG //R MILLERSBURG WILTRY INST	11.36 10.21 15.66 13.70	6,93	7.03 5.82 4.03 3.30	2,83	3.89 3.25 3.14		2.04 1.58 3.51 2.13	-2,34	7.91 6.18 5.52 5.05	3.86	5.80 5.55 5.59 9.47	1.24	4.56 4.46 6.21 5.54 5.19	28	3.01 3.14 1.55 2.95 2.86	-1.16 - - -	2.15 1.90 4.05 5.51 5.38	46	1.30	-1.19	E4.18 3.91 4.58	.81	3.20		51.22 58.97	
MILLERSTOWN MONTICELLO MOREHEAO STATE COLLEGER MOUNT STERLING MUNFORDVILLE	15.70 13.17 15.51 14.51 14.34	8.33 10.09 10.06	5.17 3.66 3.34 3.43 5.28	-1.07 19 1.12	3,50 3,75 4,82 4,63 3,69	69 52 -1.41	4.02 1.96 2.34 2.21 3.05	-1.73 -1.91 -1.01	6.02 6.05 3.54 5.85 5.50	2.76 1.72 2.02	4.45 7.30 12.25 5.98 3.92	2.92 1.35 60	5.07 5.41 6.46 8.45 4.04	1.34 - 3.51 .50	5.77 3.78 2.83 3.90 6.11	18 16 1.96	6.03 4.50 12.61 4.66 7.36	1.65 1.64 4.75	2.01 1.56 2.30 2.38 2.08	63 40 73	4.27 6.85 5.71 4.68	3.03	2.48 3.12 1.72 E2.31 2.36	-1.13 -1.63 -1.21	64.49 61.11 73.43 E62.99	14.60
MURRAY OLIVE HILL 1 NW OLNEY ONEONTA DAM 35 OWENSBORO	13.95 12.48 13.97 10.39 15.99	8.73 - 7.01 11.66	6.96 2.79 5.11 4.61 5.94	2.97 - 1.92 3.09	4.52 3.77 4.49 2.35 4.03	-1.03 - -1.82 79	2.64 4.03 4.65 5.05	-1.77 - .86 1.07	5.85 7.19 6.07 5.12 3.91	1.69 - 1.75 .03	3.67 7.14 6.02 6.01 2.65	36 - 1.81 -1.29	9.21 5.76 3.95 4.08 4.72	5.95 - .09 1.42	7.64 3.18 5.33	7.45 - 39 2.01	4.48 4.27 5.52 5.09	1.10 - 2.58 1.91	1.66 2.12 1.26 3.00 1.07	-1.34 - .85 -2.07	5.08 4.95 4.78 4.85 E4.89	1.77 - 1.93 1.62	2.73 1.83 - 1.73 E2.22	-1.06 - -1.25 -1.18	71,52 - 55,47 E60.89	24.10 - 15.32 17.48
OWENSBORO OAM 46 PADUCAH CAA PAOUCAR PAOUCAR PAOUCAB SCS NURSERY R PAINTSVILLE	15.79 14.13 12.47 13.77 10.84	11.63 8.10 7.11	5.71 8.01 9.97 7.98 3.75	2.64 6.35 .46	4.25 6.10 5.93 - 3.30	1.00 -1.67	5.11 4.32 4.13 3.13 2.05	1.35 41 -1.54	4.40 5.79 6.26 5.20 5.95	.69 2.36 2.35	2,92 4.58 4.17 4.56 7.20	-1.26 .11 3.18	3.29 6.83 5.59 4.19 6.17	2.16	5.87 7.60 - 7.35 2.75	2.47	5.02 3.73 3.26 3.45 11.07	1.83 .22 7.84	1.25 2.35 1.91 1.85 2.79	-1.24 99 81	4.53 5.51 E5.63 5.49 E5.20	1.60	1.86 1.63 1.91 1.87 2.04	86 -1.68 99	60.00 70.58 - E 63.11	18.83
PIKEVILLE PIMEVILLE PLEASUREVILLE 2 S PRINCETON RAVENNA LOCK 12	5.98 9.64 10.08	2,35	3,99 5.86 4.70 7,96	4.61	2.98 4.04 - 4.61	-1.34	1.73 1.63 3.50 3.74 1.13	-1.87 - 49 -2.53	6.40 6.23 3.45 6.31 2.92	2.62 - 2.17 98	5.25 7.06 8.13 7.24 5.72	.91 - 3,22 1.32	6.01 4.89 5.12 4.75 7.28	1.41 - 1.28 2.33	4.43 6.90 4.58 8.44 4.54	.24 - 4.93 23	4.87 2.45 - 4.41 3.04	1.99 - 1.35 37	1.90 1.21 - 1.01 2.39	79 -1.78 24	3.90 4.82 £5.29 5.43	1.12 - 1.62 2.25	2.96 3.63 2.13 1.63	51 -1.71 -1.81	50.40 58.36 E65.97	20,40
RICHMOND TEACHERS COL RUMSEV LOCK 2 RUSSELLVILLE RUSSELLVILLE SUBSTA SAGIEVILLE WATER WORKSR	14.26 12.94 14.81 14.55 10.74	9.95 8.65 9.95	4.01 4.70 5.89 6.50 3.56	.67 1.60 2.43	4.34 4.14 3.84 4.59 2.79	25 98 -1.11 -	3.21 5.21 2.43 3.19 2.97	1.04 -1.93	4.54 8.53 5.93 5.96 3.68	.85 2.06 1.98	8.10 6.55 9.13 9.25	3.86 2.68 5.68	9.70 4.11 8.36 8.64 2.94	5,37 1.11 4.08	3.25 4.43 6.51 7.03 3.01	61 .72 3.37	4.28 3.74 8.00 10.24 4.34	1.42 .57 4.93	2.79 .91 1.69 1.46 1.80	.09 -1.99 93 -	5.80 5.20 5.57 5.59 4.03	2.72 1.76 2.32	2,60 £2,33 3,05 2,68	-1.21 -1.03 62	66.88 E60.79 75.21 79.68	22.44 16.19 30.15
ST JOHN BETBLEHEM ACAD ST MARY SALVISA LOCK 6 SALVERSVILLE //R SCIENCE BILL	16.39 16.43 16.16 10.81 13.67	11.65 11.25 9.42	5.80 3.58 4.44 2.69 5.07	1.22	3.81 3.60 3.72 3.60 3.41	-1.08 56 - -1.35	5.33 3.50 3.13 1.62 2.49	1.11 79 37	6.61 4.26 5.42 6.65 6.94	2.52 1.74 - 2.74	6,87 14.08 5.91 6.44	1.37	7.88 10.33 5.09 9.69	1.03	5.44 2.83 4.63 1.73	1.76	5.92 5.48 5.36 9.66	2.94	1.25 1.90 .94 2.65	-	E5.32	1.93	2.95 2.18 2.00 2.27	-	E 73.57 E 62.00	27.35 16.69
SCOTTSVILLE SEBREE WATER WORKS SHELBYVILLE 2 W S8EPHERDSVILLE SMITHFIELD 4 S R	16.18 15.15 12.94 12.11 12.48	8.56 -	6.53 6.11 7.24 5.44 5.90	3.62	4.51 4.00 3.15 3.00 2.57	-1.68	2.95 5.57 3.99 3.15 4.22	.03	6.04 5.80 10.09 6.66	6.10	5.95 5.00 10.15 9.10 9.18	5,87	8.98 4.11 6.69 4.93	2.71	5.07 8.08 5.16 - 3.79	1.64	5.11 4.12 3.15 3.96 2.67	.47	1.85 1.45 1.49 1.42 1.64	-1.23	E5.82 5.34 E6.85 6.21	3.49	£2,67 1,99 2,36 - 2,74	-	E71.66 66.72 E73.26	28.09
SOMERSET HIWAY OEPT R SOMERSET 1 N SPRINGFIELD STEARNS R SUMMER SHADE	13.54 16.22 9.88	12.84	5.36 4.09	.90	3.20 3.66 3.15	79 79	1.81 3.74 2.03	09	6.92 5.48 7.30	1.41	9,70 6,58 5,55	2.33	6.87 6.01 6.34 6.27	2.55	5.26 6.25 3.01	.92	6.03 5.66 4.55 2.31	2.00	2.33 2.78 2.25 1.17	.42	7.15 E6.93 5.37 5.80	1.95	3.19 1.75 3.32 2.06	-1.45	71.39 63.04	22,99
SUMMER SHAOE SUBSTA TATHAM SPRINGS R TAYLORSVILLE TOMPKINSVILLE R TOMPKINSVILLE TEL OFF	15.84 13.11 14.43	=	4.26 3.55 4.19 4.66 2.47		4.61 3.07 2.74 3.19	:	2.63 3.34 3.70 3.57	:	4.45 7.28 5.89 3.74	-	7.11 4.38 7.80 9.87		8.61 4.85 10.75		3.51 - 5.19 2.21 1.31	-	5.50 4.74 4.56 4.11		3.63 1.29 1.18 2.21 2.10	-	4.78 3.93 5.48 6.13	-	2.03 1.83 2.55 2.33 2.15		66.96 61.24 67.20	11111
TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN OAM 49 VALLEY VIEW LOCK 9 VANCEBURG	12.32 14.50 12.68 15.48	10.06 8.74 10.93	6.89 4.18 6.84	.99 4.01	4.60 3.52 4.50 4.07	72 07 25	2.65 2.79 5.38	-1.47 .74	7.33 5.13 4.98 V7.30	1.57 .98 + .14	4.79 5.13 4.66 8.19	.83 .88 3.62	6.80 5.70 3.36		8.08 2.74 8.60 2.89	-1.09 5.36 -1.13	6.52 5.03 4.83 3.35	2.08 1.11 15	1.67 1.52 1.20 2.30 2.10	-1.21 -1.26 47	4.72 4.39 4.66 5.22	1.67	1.53		69,04 E57.16 63.22	12.86 20.88
VANCEBURG 0AM 32 WAYNESBURG 6 E WEST LIBERTY WATER WKS WESTPORT WILLIAMSBURG	10.06 13.97 12.56	6.17	4.64 5.33 3.51 5.16	1.26	2.68 4.37 3.86 3.54	-1.95	2.03 3.08 1.28 -	-1.83	5.03 5.89 4.46 8.51	1.36	7.06 6.30 9.51 5.18	3.17	5.69 9.07 12.21 5.46	-	2.32 5.61 2.42	-1.70	7.41 3.83 12.11 2.55	4,82	1.89 2.18 3.27	75	5,59 6.89 5.49 4.86	1.63	1.49 2.82 1.86 3.51 E2.60	-1.81	55,89 69,34 72,54	12.36
WILLIAMSTOWN WILLOW LOCK 13 WOLF CREEK OAM WOODBURY LOCK 4	10.27 11.40 13.78 14.24	6.39 7.11 9.25	4.83 4.96 5.70	-	E2.34 4.05 4.50 3.83	-2.12 74 -1.24	3.92 1.78 2.10 3.31	.07 -1.44 -1.12	6.28 4.32 7.62 6.02	2.56 .71 - 2.36	6,26 6,30 10,19 8,08	2.35 1.91 3.91	3.31 7.57 8.25 6.92	-	2.86 3.56 5.80 4.49	85 43 .53	4.37 4.48 6.04 9.90	1.41 1.50 6.93	2.05 2.92 2.70 .59	72 .50 -2.47	4 40 8.46 6.55 3.87	1.54 5.08 .38	1.54 2.42 3.27 2.89	-1.83 -1.39 81	75.76 69.84	23.22

#### REFERENCE NOTE

Unless otherwise indicated, disensional units used in this bulletim are: Temperature in "F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured on the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by foot not following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state. Figures and letters following the station name, such as (2 SSW) indicated statance in siles and direction from the Post Office.

Delayed data and corrections will be carried only in the June and December issues of Climatological Data.

-	No record.
+	Also later date (dates) or months.
+	Amount included in following measurement,
11	Gage is equipped with windshield.
B	Adjusted to full month.
E	Water equivalent of snowfall wholly or
	partially estimated, using a ratio of
	1 inch water equivalent to every 10
	inches of new snowfall.
М	l to 9 days' record missing; see
	monthly Climatological Data for de-
	tailed daily record.
R	Station equipped with a recording
	gage only.
T	Trace, an amount too small to measure.
V	Includes total for previous month.

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W.R.P.C., Chattanooga, Tenn. --- 4/16/51 --- 925

Table 3

Cr. No.	Ne d	D .		р.	Las	of spring minimu	m of	Fi	ret fall minimum	ol		lo of days setween date	
Station	Hugh	Date	Lowest	Date	24" or below	28" or below	32° or below	32" or below	28" or below	24 or below	24 or below	28' or below	32° or below
ANCHORAGE ANHLAND DAM 29 BARBOURVILLE BARDSTOWN J PREP 5CHOOL BEAVER DAM	93 95 -	6-28 5- 5+ - 6-28	- 2 8 - 5 - 4	11-25 2-27 - 11-25 11-25	4- 7 (23°) 4- 7 (20°) 	4-21 (28°) 4-13 (27°) - 4-16 (28°)	4-21 (28°) 4-22 (32°) - 4-21 (29°)	11- 5 (25°) 11-11 (31°) 11- 8 (29°) 11- 5 (28°) 11- 5 (28°)	11- 5 (25°) 11-12 (21°) 11-11 (28°) 11- 5 (28°) 11- 5 (26°)	11-11 (18°) 11-12 (21°) 11-12 (19°) 11-11 (18°) 11-11 (17°)	218 219 - - 211	198 213 - 203	198 203 - 198
BENHAM BEREA COLLEGE BOWLING GREEN W8 AP BURGIN DIX DAM CAMPBELLSVILLE	95 93 93 92 91	6-27 7-19 6-26 6-26 8-26	3 - 3 - 7 4 5	11-25 11-25 11-25 11-25 2-27	4-14 (23°) 4-14 (22°) 4-7 (22°) 4-14 (22°)	4-14 (23°) 4-16 (28°) 4-16 (28°) 4-16 (27°)	4-18 (32°) 4-21 (30°) 4-17 (32°) 4-21 (31°)	11- 5 (32*) 11- 5 (31°) 11- 5 (29°) 11- 5 (29°) 11- 5 (27°)	11-11 (28°) 11-11 (23°) 11-10 (27°) 11-11 (20°) 11- 5 (27°)	11-12 (18°) 11-11 (23°) 11-11 (22°) 11-11 (20°) 11-11 (19°)	211 211 218 211	211 208 209 203	203 198 202 198
CARROLLTON CORBIN CAA AP COVINGTON WB AP DANVILLE FARMERS	90 92 92 94	- 6-23 6-28+ 6-27 6-26	- 1 - 3 0	11-25 2-26 11-25 11-25	4-16 (24°) 4-13 (24°) 4-7 (23°) 4-16 (22°)	4-17 (27°) 4-14 (25°) 4-15 (28°) 4-22 (28°)	4-22 (31°) 4-21 (32°) 4-16 (29°) 4-22 (28°)	11- 5 (29°) 10-13 (31°) 11- 5 (30°) 11- 5 (30°) 11- 6 (31°)	11-11 (27°) 11-11 (23°) 11-10 (28°) 11-11 (22°) 11-11 (27°)	11-12 (20°) 11-11 (23°) 11-11 (21°) 11-11 (22°) 11-12 (18°)	209 212 218 210	208 210 210 203	174 198 203 198
FORDS FERRY OAM 50 FRANKFORT LOCK 4 JRAYSON JREENSBURG JREENVILLE 2 W	94 93 - 92 92	6-26 6-27 6-27 6-26	- 1 - 3 - 6	11-25 11-25 - 11-25 11-25	3-14 (23°) 4-8 (24°) - 4-15 (24°) 4-14 (20°)	4-14 (28°) 4-17 (28°) - 4-21 (28°) 4-21 (28°)	4-14 (28°) 4-22 (32°) - 4-21 (28°) 4-21 (28°)	11- 5 (29°) 11- 5 (32°) 11- 6 (30°) 11- 5 (29°) 11- 5 (25°)	11-11 (21°) 11-11 (22°) 11-12 (19°) 11-11 (20°) 11- 5 (25°)	11-11 (21°) 11-11 (22°) 11-12 (19°) 11-11 (20°) 11-11 (17°)	242 217 	211 208 - 204 198	205 197 - 198 198
HEADQUARTERS HEIDELBERG LOCK 14 HENDERSON 4 5W HICKMAN HINDMAN SETTLEMENT 5CH	92 94 - 93	5- 5+ 6-26 - 5- 6	- 4 - 5 - 2	11-25 11-25 - 11-25	4- 7 (23°) 4- 7 (20°) 3-14 (22°) 	4-14 (25°) 4-17 (28°) 4-14 (25°) 	4-22 (32°) 4-22 (31°) 4-16 (32°) 4-22 (28°)	11- 6 (30°) 11- 5 (27°) 11- 5 (32°) 10-13 (32°)	11-12 (21°) 11- 5 (27°) 11-11 (23°) 11- 6 (27°)	11-12 (21°) 11-11 (18°) 11-11 (23°) 11-12 (19°)	219 242 210	209 205 - 198	198 203 -
HOPKINSVILLE 2 E IRVINGTON LEITCHFIELD LEXINGTON WB AP LOUISVILLE STAN WB AP	94 91 92 93 95	6-26 6-26 6-26 6-26 6-25+	- 4 - 7 - 5 - 3 - 1	11-25 11-25 11-25 11-25 11-25	4-14 (22°) 4-14 (22°) 4-14 (23°) 4-13 (24°) 3-14 (22°)	4-21 (28°) 4-14 (22°) 4-15 (27°) 4-14 (27°) 4-13 (27°)	4-21 (28°) 4-21 (32°) 4-15 (27°) 4-21 (31°) 4-16 (31°)	11- 5 (25°) 11- 5 (27°) 11- 5 (26°) 11- 5 (29°) 11- 5 (30°)	11- 5 (25°) 11- 5 (27°) 11- 5 (26°) 11-11 (21°) 11-11 (25°)	11-11 (18°) 11-11 (20°) 11-11 (18°) 11-11 (21°) 11-12 (21°)	211 211 211 212 243	198 205 204 211 212	198 198 204 198 203
OUISVILLE WB CITY OVELACEVILLE (ADISONVILLE 1 5E (ADMOTH CAVE PARK (ANCHESTER	92 94 92 92 94	6-26 6-26 6-25 6-26 6-27	1 - 3 - 2 - 8 3	11-25 11-25 11-25 11-25 11-25	3-14 (24°) 4-14 (23°) 4-14 (24°) 4-15 (23°)	4-13 (26°) 4-15 (28°) 4-15 (28°) 4-16 (25°)	4-14 (30°) 4-21 (30°) 4-18 (29°) 5-13 (32°)	11- 5 (31°) 11- 5 (24°) 11- 5 (29°) 10-26 (32°) 11- 6 (29°)	11-11 (27°) 11- 5 (24°) 11-10 (27°) 11- 5 (24°)	11-21 (23°) 11- 5 (24°) 11-11 (18°) 11- 5 (24°)	252 205 211 204	212 204 209 203	205 198 203 166
MAYFIELD 2 5 MAYSVILLE DAM 33 MIODLESBORD MOUNT STERLING MURRAY	95 92 95 94 95	6-26 6-27 6-26 6-25 6-18	- 2 1 3 2 - 1	11-25 11-26 11-25 11-25 11-25	4-14 (24°) 4-8 (21°) 4-7 (21°) 4-7 (23°) 4-14 (24°)	4-15 (27°) 4-17 (26°) 4-16 (26°) 4-14 (25°) 4-15 (27°)	4-15 (27°) 4-23 (30°) 4-21 (29°) 4-21 (32°) 4-21 (30°)	11-5 (27°) 11-10 (32°) 11-6 (31°) 11-10 (31°) 11-5 (25°)	11-5 (27°) 11-11 (28°) 11-11 (28°) 11-11 (24°) 11-5 (25°)	11-11 (19°) 11-12 (20°) 11-12 (20°) 11-11 (24°) 11-11 (19°)	211 218 219 218 211	204 208 209 211 204	204 201 199 203 198
DWENSBORO PADUCAH CAA AP PADUCAH PIKEVILLE PRINCETON	96 95 94 95 91	6-26 6-26 6-16 5-6+ 6-26	- 7 - 3 1 6 - 8	11-25 11-25 11-25 11-25 11-25	3-14 (23°) 3-14 (22°) 3-14 (22°) 3-10 (20°) 4-21 (24°)	4-14 (25°) 4-14 (25°) 4-14 (28°) 4-15 (28°) 4-21 (24°)	4-21 (31°) 4-15 (29°) 4-15 (30°) 4-17 (29°) 4-26 (32°)	11- 5 (26°) 11- 4 (31°) 11- 5 (27°) 11- 6 (30°) 11- 5 (23°)	11- 5 (26°) 11- 5 (28°) 11- 5 (27°) 11-12 (25°) 11- 5 (23°)	11-11 (20°) 11-11 (20°) 11-11 (20°) 11-24 (15°) 11-5 (23°)	242 242 242 259 19B	205 205 205 211 198	198 203 204 203 193
CICHMOND E STATE COL CUSSELLVILLE ST. JOHN BETHLEHEM ACAD SCIENCE HILL COTTSVILLE	91 96 91 - 94	6-27 6-26 6-27 - 6-26	0 - 4 - 6 	11-25 11-24 11-25 - 11-25	4-14 (23°) 3-14 (23°) 4-14 (24°) 4-7 (22°) 4-7 (23°)	4-15 (28°) 4-15 (27°) 4-21 (28°) 4-16 (26°) 4-16 (28°)	4-21 (31°) 4-15 (27°) 4-21 (28°) 4-21 (29°) 4-21 (29°)	11- 5 (32°) 11- 4 (27°) 11- 5 (26°) - 10- 5 (32°)	11-11 (24°) 11- 4 (27°) 11- 5 (26°) - 11- 5 (22°)	11-11 (24°) 11-11 (20°) 11-11 (18°) - 11- 5 (22°)	211 242 211 - 212	210 203 198 - 203	198 203 198 - 167
SHELBYVILLE 2 W SHEPHERD5VILLE 2 NW SOMERSET 1 N SUMMER SHADE VANCEBURG	92 96 - -	6-25 6-24 - -	- 4 - 3 - 2 - 1	11-25 11-24 11-25 -	4-14 (23°) - - - -	4-16 (27°) - - - -	4-21 (29°) - - - -	11- 5 (26°) 10-26 (30°) 11- 5 (30°) - 11-11 (28°)	11- 5 (26°) 11-11 (21°) 11-11 (28°)	11-11 (20°) 	211	203	19B - - - -
FEST LIBERTY WATER WES VILLIAMSBURG VILLIAMSTOWN FOLF CREEK DAM	95 93 91 94	5- 6 6-26 6-26 6-27	5 1 - 1 0	11-25 11-25 11-25 11-25	4-7 (24°) 4-14 (24°) 4-13 (24°) 4-14 (24°)	4-15 (2B°) 4-21 (28°) 4-14 (25°) 4-21 (2B°)	4-15 (28°) 4-21 (28°) 4-21 (31°) 4-21 (28°)	11-11 (30°) 11- 6 (32°) 11- 5 (29°) 11- 5 (32°)	11-12 (22°) 11-11 (27°) 11-11 (22°) 11-11 (24°)	11-12 (22°) 11-12 (20°) 11-11 (22°) 11-11 (24°)	219 212 212 211	211 204 211 204	210 199 19B 198

## TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
IRGIN DIX DAM	EVAP				3,47B	4.75 241	5.52B 3B2	5.58B	4.51	2.72B	2.47 143	:			
OLF CREEK DAM	EVAP W1ND	1.73B 1396	1.37B 1044	3,49B 1172	4.53 1133	5.24 571	6.30B 474	5.23B 300	4.84 171	3.B6 329	3.17 359	Ξ			

							V-	nars (	of				7.												1950
Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation		Precip.			losed ag y	r. Refer to tables		Station	Index No.	County	Drainage 1	Latitude	Longitude	Elevation	rec	Precip. pro	Month darin	osed g yr.	Refer to tables
ADDISON D <sub>FM</sub> 45 ADDLPHUS 1 N ALLEN ANCHORAGE ASNCAMP	0031 0043 0095 0155 0246	BRECKINGIDGE ALLEN FLOYD JEFFERSON PIKE	7 3 1 7	37 55 36 39 37 35 38 16 37 16	86 34 86 16 82 43 85 33 82 26	380 600 650 700 1100	52 52	23 11 11 53 11	Ev	X 8	M	2 2 2 2 1 2 3	-	LIBERTY LITTLE HICKMAN LOCK 8 LOCKPORT LOCK 2 LDOLICK 1 S LONDON 3 SF	4755 4825 4857 4882 4893	CASEV JESSAMINE HENRY CLARK LAUREL	3 4 4	37 21 37 45 38 26 37 51 37 06	84 55 84 35 84 58 84 02 84 08	560 485 1250	Te	10 41 41 41 9 9	≥ 8	ž č	2 2 2 2 2
ASRCAMP  ASRLANO DAM 29  †SARBOURVILLE  SARDSTOWN SARDSTOWN SJ PREP SCHOOL  SAXTER HARLAN WATEE WORES	0254 0381 0389 0397 0450	BOYD ENGE NELSON NELSON NARLAN	7 2 8 8	38 27 36 52 37 48 37 48 36 51	82 36 83 53 85 28 85 28 83 20	534 1000 637 637	37 1	38 5 11 1 10		SEPT	ост	1 2 3 1 2 3 2 1 2 3		LOUISA LOCE 3 LOUISVILLE BOWMAN FIELD LOUISVILLE STAN WE AP LOUISVILLE UPPER GAGE LOUISVILLE WB CITY	4943 4951 4954 4955 4956	LAURENCE JEFFERSON JEFFERSON JEFFERSON JEFFERSON	7 7 7	38 07 38 13 38 11 38 17 38 15	82 37 85 46 85 44 85 48 85 48	584 558 485 403 457	17	47 17 17 78			2 2 2 1 2 3 2 1 2 3
SEAVER OAM SENNAM SENTON SEREA COLLEGE SEREA WATER WORKS	0490 0595 0611 0619 0624	ONIO NARLAN MAESNALL MADISON MAOISON	9	37 25 36 58 36 51 37 34 37 34	86 52 82 57 88 21 84 18 84 16	441 1580 380 1070 1100	43 5 49	43 5 3 49 4				1 2 3 1 2 3 2 1 2 3 2		LOVELACEVILLE LUCAS MADISONVILLE 1 SE MAMMOTH CAVE PARK MANCHESTER	4967 5002 5067 5097 5110	SALL ARD SARREN HOPEINS EDMONOSON CLAY	3	36 58 36 53 37 19 37 11 37 09	88 50 86 02 87 29 86 06 83 46	479 435 800 450	23	25 9 - 16 3			1 2 3 2 1 2 3 1 2 3 1 2 3
80STON 2 SW 80WLING GRESN BOWLING GREEN SUBSTA BOWLING GREEN WB AP 8RENT OAM 36	0874 0904 0907 0909 0978	NELSON WARREN WANREN WAEREN CAMPBELL	3	37 46 37 00 37 01 36 58 39 03	85 42 86 26 86 26 86 26 84 25	430 536 470 535 489	69	3 26 - 69 26				2 2 2 2 1 2 3		MATFIELD SUBSTATION MATFIELD 2 S MAYSVILLE OAM 33 MC KINNEYSBURG M100LESBORO	5230 5232 5243 5301 5389	GRAVES GRAVES MASON PENOLETON 8ELL	7 5	36 44 36 42 38 38 38 36 36 37	88 39 88 38 83 42 84 16 83 43	364 364 524 610 1128	37 55 54	38 54 10 59			1 2 3 1 2 3 1 2 3 2 1 2 3
SROWNSVILLE LOCK 6 SURGIN DIE DAM SURNSIDE CADIZ LOCK 8 CAMPSELLSVILLE	1046 1127 1156 1206 1256	SOMONOSON MERCER PULASEI TRIGG TAYLOE	2 2	37 12 37 48 36 59 36 46 37 20	86 16 84 43 84 37 87 58 85 21	410 770 705 424 777	6	34 66 6				1 2 3 4 2 2 1 2 3		MICOLESSORO RR STATION MICWAY 2 S MILLERSSURG MILLERSSURG MIL INST MILLERSTOWN	5394 5407 5430 5434 5438	SELL WOODFORD BOURBON BOURBON GRAYSON	5	36 37 38 07 38 18 38 18 37 27	83 43 84 42 84 09 84 09 86 03	1130 805 580	1	7 8 10 1 10	JUNE		2 2 2 1 2 3
CARROLLTON CARROLLTON LOCK 1 CENTEAL CITY CLINTON COLLEGE 8 LL LOCK 11	1340 1345 1439 1631 1704	CARROLL CARROLL MUHLEHSERG NICKMAN WADISON	3 6	38 41 38 41 37 19 36 41 37 47	85 10 85 11 87 07 89 00 84 06	475 480 440	1	1 47 - 42		JUNE		1 2 3 2 2 2 2 2		MONTICELLO  MOREHEAD STATE COLLEGE MOUNT STABLING MUNFCROYILLE MURRAY	5524 5555 5640 5684 5694	WAYNE ROWAN MONTGOMERV HART CALLOWAY	5 5 3	36 50 38 11 38 03 37 16 36 36	85 53	910 770 930 600 600	58 25	14 8 61 23 25			2 2 1 2 3 2 1 2 3
COLUMBIA CONSTANTINE COMBIN CAA AIRPORT CORBIN WATER WORKS COVINGTON WS AIRPORT	1722 1763 1801 1806 1855	ADA1R SRECEINR1DGS WNITLEY WNITLEY KENTON	3	37 06 37 40 36 58 36 57 39 04	85 18 86 14 84 08 84 06 84 40	729 800 1170 1070 869	7	11 10 7 11 4				2 2 1 2 3 2 1 2 3		†OLIVE HILL 1 NW OLNEY ONEONTA DAM 35 OWENSBORO OWENSBORO OAM 46	6012 6020 6033 6091 6096	CARTER NOPKINS CAMPSELL OAVIESS DAVIESS	7	38 18 37 13 38 58 37 46 37 47	84 18	752 380 497 420 404	55	6 9 29 54 22			2 2 2 1 2 3 2
CYNTHIANA OANVILLE OAVELLA 108LPNIA 1 E OEWA	1998 2040 2053 2132 2139	RARRISON BOYLS MARTIN PERRV ENOTT		38 23 37 39 37 48 37 02 37 25	84 18 84 46 82 32 83 07 82 48	684 955 1780 850	18	34 42 10 11 11				1 2 3 2 2 2 2		PADUCAH CAA A1RPORT †PADUCAR PADUCAH SCS NURSERY PAINTSVILLE PIKEVILLE	6110 6115 6117 6136 6353	MC CRACKEN MC CRACKEN MC CRACKEN JOHNSON P1KE	7	37 04 37 06 37 04 37 49 37 29	88 46 88 37 88 35 82 48 82 31	410 620 686	15	2 - 18 46			1 2 3 1 2 3 2 2 1 2 3
OUNDSE BARRETTS FORO SR DUNNOR OUNVILLE SOOTVILLE LOCK F EDMONTON	2358 2366 2374 2445 2469	ONIO MUSLENSERG CASEV LVON METCALFE	3	37 33 37 05 37 13 37 03 3700	86 43 87 00 84 58 88 0S 85 37	430 610 420		10 11 11  8				2 2 2 2 2 2		PINEVILLE PLEASUREVILLE 2 S PRINCETON HAVENNA LOCK 12 RICHMOND E STATE COLLEGE	6384 6435 6575 6679 6805	SELL SHELSY CALOWELL ESTILL MADISON	2 4 4	36 45 38 20 37 06 37 40 37 44	83 42 85 07 87 53 83 57 84 18	999 882 529 631 1000	48 59	10 9 52 34 63		NOV	2 2 1 2 3 2 1 2 3
ELIZABETHTOWN FALMOUTN FARMESS FLEW:NOSSURG FLEW:NOSSURG FLEW:NOSSURG POST OFFICE	2510 2775 2791 2903 2908	RARDIN PENOLETON EOWAN FLEMING FLEMING	5	37 42 38 40 38 09 38 25 38 25	85 52 84 20 83 33 83 43 83 44	600 668 870 750	45	3 64 46 27 7				2 2 1 2 3 2 2		RUMSEY LOCE 2 RUSSELLVILLE RUSSELLVILLE SUBSTATION SADIEVILLE WATER WORKS ST JOHN BETHLEHEM ACAGEMY	7039 7049 7054 7074 7091	MC LEAN LOGAN LOGAN SCOTT NARDIN	3 3 4 8	37 32 36 51 36 50 38 23 37 42	87 16 86 53 86 54 84 32 85 59	576	39	33 42 7 54			1 2 3 2 2 1 2 3
FORD LOCK 10 FOR OS FERRY DAM 50 FRANKFORT LOCE 4 FRANKELIN WATER WORKS FRENCHBURG	2953 2961 3028 3036 3052	MADISON CEITTENGEN FRANKLIN SIMPSON MEN1F8E	7 4 3	37 53 37 28 38 13 36 43 37 57	84 15 88 06 84 52 86 34 83 39	593 356 504 691 930	4 67	37 23 69 -				1 2 3 1 2 3 2 2		ST MARY SALVISA LOCE 6 SALVERSVILL8 SCIENCE HILL SCOTTSVILLE	7096 7121 7129 7202 7215	WARION MERCER MAGOFFIN PULASE1 ALLEN	4 5	37 35 37 56 37 45 37 11 36 45	85 21 84 49 83 04 84 39 86 12	900	7 4	2 38 12 7 4		JUNE	2 2 2 1 2 3 1 2 3
GEORGETOWN WATER WORKS GEST LOCK 3 GLASCOW GRANT OAM 38 GRAYSON	3194 3203 3241 3358 3391	SCOTT HENRY SARRSN SOONS CARTER	4 4 3 7 7	38 12 38 25 37 00 38 59 38 19	84 33 84 53 85 55 84 49 82 57	880 490 780 506 589	19	9 42 22 26 19	A. Carrier and Car			2 2 2 2 2 1 2 3		SEBREE WATER WORKS SHELSYVILLE 2 W TSHEPNERGOVILLE SMITHFIELD 4 S SOMERSET HIWAY 08PT	7234 7324 7334 7473 7507	WESSTEH SHELBV BULLITT SHELBV PULASEI	8	37 36 38 13 38 00 38 30 37 07	87 32 85 16 85 44 85 16 84 35	450 862	60	10 62 - 8 9			1 2 3 1 2 2
GREENSBURG RIWAY 61 8R GREENUP OAM 30 GREENVILLE 2 W BALEYS WILL	3435 3435 3443 3451 3539	GREEN GREENUP MUHLENSERG CSRISTIAN	7 3	37 16 37 15 38 37 37 12 37 03	85 30 85 30 82 51 87 12 87 20	581 581 540 519 740	58 35	64 1 32 35 9				1 2 3 2 2 1 2 3 2		SOMERSET 1 N SPRINGFIELD STEARNS SUBMER SHADE SUBMER SHADE SUBMER SHADE SUBSTATION	7510 7604 7677 7800 7805	PULASRI WASHINGTON MC CREARV METCALFE METCALFE	8 2 3	37 09 37 41 36 42 36 53 36 53		1050 738 1420	1	1 9 10 1 2	NOA		1 2 3 2 2 1 2 3 2
NARTFORD 6 N NAZARD HAZARO W W HEADQUARTEES HEIOELBERG LOCK 14	3652 3709 3714 3722 3741	OHIO PERRY PERRV NICHOLAS LEE	4 4 5	37 32 37 15 37 15 38 24 37 33	86 54 83 12 83 11 84 07 83 46	540 869 840 860 663	6 18	13 29 1 10 36		PE8	JUNI	2 2 2 2 1 2 3 1 2 3		TATNAM SPRINGS TAYLORSVILLE TOMPEINSVILLE TOMPKINSVILLE TEL OFFICE TURKEY CREES SCHOOL	7924 7948 8060 8065 8144	WASHINGTON SPENCES MONROE MONROE TRIGG	8 3 3 9	37 52 38 02 36 42 36 42 36 45	85 09 85 21 85 41 85 41 88 05	899		8 3 - 8 -			2 2 2 2 2
HENDERSON 4 SW HERNDON NICEMAN RICESVILLE HIGN SEIDGE LOCK 7	3762 3798 3816 3821 3837	RENDERSON CHRISTIAN FULTON GRAVES JESSAMINE	6 9	37 47 36 44 36 34 36 48 37 49	87 37 87 34 89 12 88 30 84 43	382 315 440	1	37 1 48		AUG		1 2 3 2 1 2 3 2 2		TYRONE LOCE 5 UNIONTOWN 0AM 49 VALLEY VIEW LOCK 9 VANCEBURG VANCESURG 0AM 32	8179 8197 8246 8254 8259	ANDERSON UNION WADISON LEWIS LEWIS	4	38 02 37 48 37 51 38 36 38 38	84 26	571 520	1	33 22 38 1 37	SEPT		2 2 2 1 2 3
HINDMAN SETTLEMENT SCROOL RODGENVILLE NAT PARE ROPEINSVILLE 2 E HYDEN IRVINGTON	3898 3929 3994 4093 4165	ENOTT LARUE CHRISTIAN LESLIE SRECKINKIDGE	3	37 20 37 32 36 52 37 10 37 53	82 58 85 44 87 27 83 22 86 17	1080 524 850 846	55 54	3 7 55 11 54				1 2 3 1 2 3 2 1 2 3		WAYNESSURC 6 E WEST LIBESTY WATER WOSES WESTPORT WILLIAMSSURG WILLIAMSTORN	8486 8551 8567 8706 8714	LINCOLN MORGAN OLORAM WHITLEY GRANT	57 2 5	37 22 37 55 38 29 36 44 38 38	84 10 84 34	943	54 48	9 3 1 63 48	DEC		1 2 3 2 1 2 3 1 2 3
JACESON JEWEINS JEWEINS WATER WORKS JERWIAH REENE 2 N	4196 4236 4241 4255 4369	SREATSITT LETCHER LETCHER LETCREE JESSAMINE	1 1 4	37 33 37 10 37 10 37 10 37 10 37 58	83 23 82 38 82 38 82 36 84 38	798 1800 1600 1150 850		33 7 11 10			SEPI	2 2 2 2 2 2		WILLOW LOCE 13 WOLF CREEK DAM WDOOSURY LOCE 4	8724 8807 8824	LEE RUSSELL SUTLER	4 2 3	37 36 36 53 37 11	83 50 85 08 86 38	646 610 504	3	32 3 54			1 2 3 4
KENTUCKY DAM LANCASTER ICE PLANT LAURA LAITCHFIBLD LEEINGTON WB AIRPORT	4414 4620 4642 4703 4746	LIVINGSTON GARRARD MAHTIN GRAVSON FAVETTE	4	37 01 37 37 37 45 37 29 38 02	88 16 84 35 82 26 86 18 84 36	382 1032 635 979	56 71	13 26 11 56 72				2 2 2 1 2 3 1 2 3													

1 1-BIG SANOY, 2-CUMBERLAND, 3-GREEN, 4-KENTUCKY, 5-LICKING, 6-MISSISSIPPI, 7-0810, 8-SALT, 9-TENNESSBE CHANGE OF NAMES



